

Awareness Watch™ Newsletter

By Marcus P. Zillman, M.S., A.M.H.A.

<http://www.AwarenessWatch.com/>

V16N12

December 2018

Welcome to the V16N12 December 2018 issue of the **Awareness Watch™ Newsletter**. This newsletter is available as a complimentary subscription and will be issued monthly. Each newsletter will feature the following:

Awareness Watch™ Featured Report
Awareness Watch™ Spotters
Awareness Watch™ Book/Paper/Article Review
Subject Tracer™ Information Blogs

I am always open to feedback from readers so please feel free to email with all suggestions, reviews and new resources that you feel would be appropriate for inclusion in an upcoming issue of Awareness Watch™. This is an ongoing work of creativity and you will be observing constant changes, constant updates knowing that “change” is the only thing that will remain constant!!

Awareness Watch™ Featured Report

This month’s featured report covers **ShoppingBots and Online Shopping 2019** and is a comprehensive listing of internet shopping tools and resources including search engines, directories, subject guides and index resources and sites on the Internet available for the 2019 year. The below list of shopping sources is taken partially from my Subject Tracer™ white paper titled ShoppingBots and Online Shopping 2019 and is constantly updated with Subject Tracer™ bots at the following URL:

<http://www.ShoppingBots.info/>

These resources and sources will help you to discover the many pathways available through the Internet to find the latest shopping research, resources, sources, tools and sites. As this site is constantly updated it would be to your benefit to bookmark and return to the above URL frequently. The true way to search the Internet and social media for shopping resources, sources and tools is to use the below listed tools and resources and include the deep web. These resources will be your pathfinder to all the important and ever changing 2019 new economy resources for shopping and eCommerce!



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ShoppingBots and Online Shopping Resources 2019

By

Marcus P. Zillman, M.S., A.M.H.A.
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zillman@virtualprivatelibrary.com

ShoppingBots and Online Shopping Resources 2019 is a comprehensive listing of shoppingbot and online shopping/coupon resources and sites on the Internet. This is the 23rd annual listing of this directory that has been produced and published by Internet Expert and Guru Marcus P. Zillman, M.S., A.M.H.A. since 1996. The below list of sources is taken from his Subject Tracer™ Information Blog titled ShoppingBots and is constantly updated with Subject Tracer™ bots at the following URL:

<http://www.ShoppingBots.info/>

These resources and sources will help you to discover the many pathways available to you through the Internet to find the latest shoppingbot resources and sites.

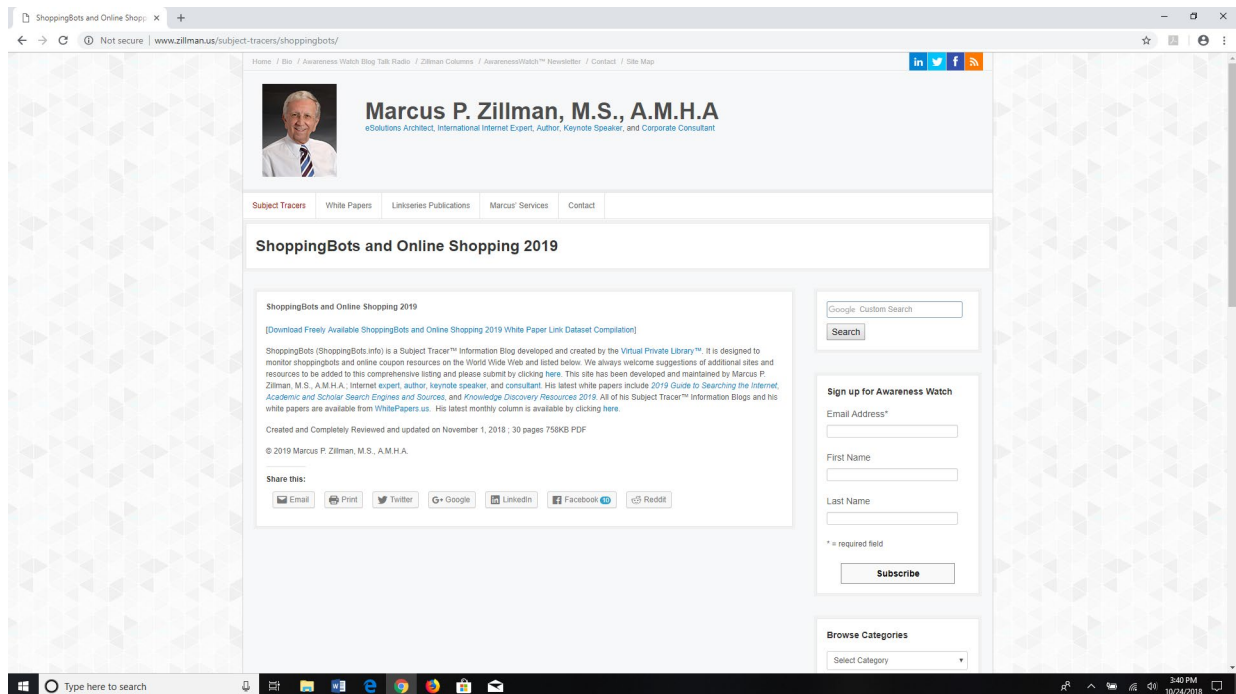


Figure 1: ShoppingBots and Online Shopping 2019– <http://www.ShoppingBots.info/>



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Selected ShoppingBots and Comparison Bots 2019:

15 Best Shopping Bots for eCommerce Stores

<https://www.yotpo.com/blog/shopping-bots/>

123PriceCheck

<http://www.123pricecheck.com/>

Abebooks: New Books, Used Books, Rare Books, Out-of-Print Books

<http://www.abebooks.com/>

AddALL Book Search and Price Comparison

<http://www.addall.com/>

AffordABook - Search for College Textbooks

<http://www.affordabook.com/>

Aisle411 – In-Store Mobile Marketing Platform

<http://www.aisle411.com/>

All Book Stores - TextBook Search

<http://www.allbookstores.com/textbooks>

Amazon.com – Personalized Recommendations

<http://www.amazon.com/>

Become.com - Shopping Your Way Comparison Shopping Bot

<http://www.become.com/>

Best Book Buys – Textbook and Book Search

<http://www.bestwebbuys.com/books/>

BibliOZ - The Book Search Wizard

<http://www.biblioz.com/>

BigWords.com - Textbook Centric Price Comparison Site

<http://bigwords.com/>

BizRate Shopping Search

<http://www.bizrate.com/>

BookFinder – The Open Marketplace for Books Online

<http://www.bookfinder.com/>



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BookFinder4U

<http://www.bookfinder4u.com/>

BooksPrice - Multiple Book Price Comparison

<http://www.booksprice.com/>

Bot Research 2019

<http://www.BotResearch.info/>

Bountii - Search Low Prices

<http://bountii.com/>

Buyer's Index - A Search Engine for Savvy Shoppers

<http://www.buyersindex.com/>

BuyVia – Searching Store for the Best Deals On the Products You Want

<http://www.BuyVia.com/>

Camera Deal Search

<http://dealnews.com/c167/Electronics/Cameras/>

CampusBooks.com - Compare Prices on New and Used College Textbooks

<http://www.campusbooks.com/>

ChangingThePresent - Changing the World One Gift At a Time

<http://www.changingthepresent.org/>

Comparison Shopping Australia

<http://www.getprice.com.au/>

Component Search - Find the Components You Need Now

<http://componentsearch.com/>

Dealio - Finding the Best Deal and Comparison Shopper

<http://www.dealio.com/>

Directtextbook.com - Shop for Textbooks

<http://www.directtextbook.com/>

DogPile®

<http://www.dogpile.com/>

Dohop.com - Search and Find Cheap Flights and Airline Tickets

<http://www.dohop.com/>



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FareCompare – Flight Comparison

<http://www.farecompare.com/>

FindersCheapers - Price Comparison Search Engine

<http://finderscheapers.com/>

GrubHub - Restaurant Food Delivery Search Engine

<http://www.grubhub.com/>

Ink Deal Search

<http://dealnews.com/c269/Office-Supplies/Supplies/Printer-Supplies/>

Invisible Hand - Automatically Gets You the Lowest Price On Shopping and Flights

<http://www.getinvisiblehand.com/>

ISBN.nu - Search for Books and Compare Prices

<http://isbn.nu/>

Kayak.com - Travel Prices and Availability

<http://www.kayak.com/>

Kelkoo ShoppingBot

<http://www.kelkoo.com/>

Macintosh Deal Search

<http://www.dealmac.com/>

Magazine Cost - Compare Prices of Discount Magazine Subscriptions

<http://www.magazinecost.com/>

MagazinePriceSearch.com

<http://www.magazinepricesearch.com/>

Mobissimo - Travel Search Engine

<http://www.mobissimo.com/>

mShopper® - Mobile Shopping Bot

<http://www.mshopper.net/>

MySimon - ShoppingBot

<http://www.mysimon.com/>



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NowInStock - Product Availability Tracker and In Stock Notification

<http://www.nowinstock.net/>

Open Education Resources (OER) Sources 2019

<http://www.OERSources.com/>

oSkope Visual Search

<http://oskope.com/>

PickTextBooks - Find the Right Textbook

<http://www.picktextbook.com/>

Price - Compare the Best Prices On the Web

<http://www.price.com/>

Price Comparison Shopping Portal – ShoppingBots

<http://www.pricingcentral.com/>

Price Grabber – Smart Shopping Anytime Anywhere

<http://www.PriceGrabber.com/>

PriceInspector

<http://www.priceinspector.co.uk/>

PriceJump - Does Amazon Have the Lowest Price or Not

<http://www.savings.com/pricejump>

Price Spider - Searching For Low Prices

<http://www.PriceSpider.com/>

Pricetack - The Falling Price Marketplace

<http://pricetack.com/>

Price Watch® - Street Price SearchBot

<http://www.pricewatch.com/>

Pronto.com - Comprehensive Product Search Engine

<http://www.pronto.com/>

RedFlagDeals.com - Canadian Shopping

<http://www.redflagdeals.com/>

RoboShopper

<http://www.roboshopper.com/>



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ShopLocal™ - Weekly Ad, Sales, Deals, Discounts, Bargains and Specials
<http://www.ShopLocal.com/>

ShopMania - Price Comparisons in UK and Reviews
<http://www.shopmania.co.uk/>

ShopMania - Price Comparisons in US and Reviews
<http://www.shopmania.com/>

ShoppingBots 2019
<http://www.ShoppingBots.info/>

ShoppingNotes - Shopping Bookmark Powered With Price Watch Engine
<http://shoppingnotes.com/>

ShopStyle - Fashion and Designer Shoes, Jewelry, Dresses and Clothes
<http://www.shopstyle.com/>

ShopWiki
<http://www.shopwiki.com/>

Shopzilla - Millions of Products From Thousands of Stores
<http://www.shopzilla.com/>

Smarter.com - Compare Prices and Products
<http://www.smarter.com/>

Sort Price ShoppingBot
<http://www.SortPrice.com/>

SpendFish - Find Amazon Deals
<http://www.spendfish.com/>

Swoogle - Semantic Bot
<http://swoogle.umbc.edu/>

ThomasNet® - Find Companies and Product Information
<http://www.thomasnet.com/>

Tjoos.com - Smart Online Shopping
<http://www.tjoos.com/>



TrackIf – Track Price Changes On 4 million Products at over 1,500 Online Shopping Sites and Alerts You When What You Wants Drops In Price
<http://www.TrackIf.com/>

Trollydolly - Price Comparisons and Online Shopping UK Based
<http://trollydolly.co.uk/>

viaLibri - Rare Books Resources and Search for Bibliophiles, Librarians and Collectors
<http://www.vialibri.net/>

WishMindr - Free Online Wishlist Maker and Reminder
<http://wishmindr.com/>

Selected Shopping Online Resources Including Coupons, Deals and Discounts Codes 2019:

123Bargains.com - Online Shopping Deals, Bargains, Discounts, Rebates, and Coupons
<http://www.123Bargains.com/>

247Coupon.com - Online Coupons and Codes, Online Discount Coupons and Codes
<http://www.247coupon.com/>

360CouponsCodes.com - Coupons Galore
<https://www.360couponcodes.com/>

360VoucherCodes - Codes Galore
<http://www.360voucherCodes.co.uk/>

a2zDeals.com - Free Coupon Codes, Coupons and Online Shopping Deals
<http://www.a2zDeals.com/>

Allconnect - Compare, Purchase and Connect All Your Home Services At One Time
<http://www.allconnect.com/>

All Online Coupons
<http://www.allonlinecoupons.com/>

BargainSpy - Bargains and Discounts - UK Based
<http://www.bargainspy.co.uk/>



Bazaarvoice - Online Customer Ratings and Reviews

<http://www.bazaarvoice.com/>

BestCovery - Discover the Best of Everything

<http://www.bestcovery.com/>

BizRate

<http://www.bizrate.com/>

Black Friday 2018

<http://www.bfads.net/>

BlackFriday.com 2018 – Black Friday Ads

<http://blackfriday.com/>

BlueFly

<http://www.bluefly.com/>

BuyersEdge - The Edge on the Widest Range of Consumer Electronics

<http://www.BuyersEdge.com/>

Buzzillions – More Than 17 Million Product Reviews Archives

<http://www.buzzillions.com/>

BzzAgent - Word of Mouth Marketing and Media Network (WOM)

<http://www.bzzagent.com/>

Changing the Present - Changing the World One Gift at a Time

<http://www.changingthepresent.org/>

Compare UK Supermarket Prices

<http://www.mysupermarket.co.uk/>

Consumer World – Shopping Resources

<http://www.consumerworld.org/pages/shopping.htm>

ContestGirl - Directory of Quality On-Line Sweepstakes and Contests

<http://www.contestgirl.com/>

Copious Coupons - Online Coupon Codes and Discount Codes

<http://www.copiouscoupons.com/altindex.aspx>

CostHelper

<http://www.CostHelper.com/>



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Coupon Album

<http://www.couponalbum.com/>

Coupon Cactus - Free Online Code and Discount Codes

<http://www.couponcactus.com/>

Coupon Chief

<http://www.couponchief.com/>

Coupon Code

<http://www.CouponCode.com/>

Coupon Commando - The Web's Best Deals and Online Coupons

<http://www.couponcommando.com/>

Coupon Craze - Coupons and Discount Codes

<http://www.CouponCraze.com/>

Coupon Dad – The Latest Promo Codes, Coupons and Deals

<http://www.coupondad.net/>

Coupon Flip – Online Coupons

<http://www.couponflip.com/>

CouponLawn – Coupon Codes, Promotional Codes and Discounts

<http://www.CouponLawn.com/>

CouponMate Browser Extension

<https://www.couponmate.com/>

CouponMeUp.com - Online Coupons, Coupon Codes and Online Shopping Discounts

<http://www.couponmeup.com/>

Coupon Mom - Grocery Coupons, Coupons, Free Samples, Online Coupons, Restaurant Coupons

<http://www.CouponMom.com/>

Coupons at Checkout – Never Search for a Coupon Code Again

<http://couponfollow.com/checkout>

Coupon Saver - Coupons, Coupon Codes and Promotional Codes

<http://www.CouponSaver.org/>



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Coupons.com - Free Coupons, Print and Save

<http://www.coupons.com/>

CouponSurfer - Free Online and Printable Coupons

<http://www.couponsurfer.com/>

CoupRecoup - Free Marketplace to Buy and Sell Local Deals

<http://couprecoup.com/>

CUaround – Autonomous Retail Shopping

<http://www.cuaround.technology>

Current Codes - Find Promotional Codes, Discount Codes, Coupon Codes, and more for Your Favorite Online Stores

<http://www.CurrentCodes.com/>

CyberMondayDeals

<http://www.offers.com/cyber-monday/>

Cyber Monday - Online Shopping Deals and Coupons

<http://www.CyberMonday.com/>

DailyDeals - Online Coupons and Discounts

<http://www.DailyDeals.com/>

DaddyODeals - Free Coupons, Hot Deals and Online Bargains

<http://www.daddyodeals.com/>

DealAlert.com - Find Latest Coupons and Deals From Your Favorite Stores

<http://www.dealalert.com/>

DealBase.com - Resource of Analyzed Hotel Deals and Discounts

<http://www.DealBase.com/>

DealDump - All Good Deals - All the Time

<http://dealdump.com/>

DealExtrene - Cool Gadgets at the Right Price

<http://dx.com/>

Dealigg - Social Bargain Hunting

<http://www.dealigg.com/>



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Deal Item - Deals and Coupons for Electronics and Tech

<http://www.dealitem.com/>

DealNews - News On Deals

<http://www.DealNews.com/>

DealRadar - Daily Deals and Local Offers

<http://www.dealradar.com/>

DealTaker - Online Coupons and Deals

<http://www.DealTaker.com/>

DealWorker - Online Coupons and Codes, Promotion Codes, Price Drops and Free Shipping

<http://www.dealworker.com/>

Deals of America

<http://www.dealsoftamerica.com/>

DealsPlus - Hot Deals, Coupons, Compare Prices, Shopping, Reviews

<http://www.dealspl.us/>

DealStream

<https://dealstream.com/>

DealTime

<http://www.dealtime.com/>

Deals2Buy – All About Savings

<http://www.deals2buy.com/>

Early Black Friday 2018

<http://www.EarlyBlackFriday.com/>

eBates - Rebates, Cash Back, Discount Coupons, Online Coupons

<http://www.ebates.com/>

eBay

<http://www.ebay.com/>

eCommerce Resources 2019

<http://www.eCommerceResources.info/>



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eCouponBot.com - Find Online Coupons and Discount Codes by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.eCouponBot.com/>

epinions

<http://www.epinions.com/>

Etsy - Your Place To Buy and Sell All Things Handmade

<http://www.etsy.com/>

FindSavings - Online Coupons and Coupon Codes

<http://www.findsavings.com/>

FlamingoWorld Online Coupons and Discount Shopping

<http://www.flamingoworld.com/>

Free Coupons - Free Coupon Codes and Printable Coupons for Top Brands

<http://www.freecoupons.com/>

FreeShipping.org - Free Shipping Coupons & Coupon Codes

<http://www.FreeShipping.org/>

Frugal Internet Links

http://www.savvy-discounts.com/links/links_consumer_frugal.htm

GoodGuide - Ratings of Natural Products, Green Products and Health Products

<http://www.goodguide.com/>

GottaDeal.com - Hot Deals, Coupons and More

<http://www.Gottadeal.com/>

Groupon – Save 50% to 90%

<http://www.Groupon.com/>

Guide To Online Shopping For Seniors

<https://wikibuy.com/blog/guide-to-online-shopping-for-seniors-a2dac768cdf3>

Honey - Finds the Best Coupon Codes to Give You the Best Savings Online

<http://www.joinhoney.com/>

InsiderPages

<http://www.InsiderPages.com/>



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Inventables - Material and Technology Marketplace

<https://www.inventables.com/>

KeyCode - Online Coupon Codes, Discounts and Online Deals

<http://www.keycode.com/>

Letgo - A Fun and Unique Way To Shop and Sell Nearby Second Hand Items

<http://www.letgo.com/>

mamma - Largest Coupon Code and Discount Search Engine

<https://www.mamma.com/>

Mighty Goods

<http://mightygoods.com/>

Money Saver Coupons Online

<http://www.moneysavercouponsonline.com/>

My Bargain Buddy

<http://mybargainbuddy.com/>

MyCoupons - Coupons and Coupon Codes for Discounts Everywhere

<http://www.MyCoupons.com/>

My Grocery Deals - Your FREE On-Line Source... for Huge In-Store Savings

<http://www.mygrocerydeals.com/>

My Voucher Code

<http://www.myvouchercode.co.uk/>

NetMarket - Online Shopping With Discount Pricing - Bargain Electronics Superstore

<http://www.netmarket.com/>

Offer of the Day

<http://www.offeroftheday.co.uk/>

Official Coupon Code

<https://www.officialcouponcode.com/>

Online Coupon Island

<https://www.onlinecouponisland.com/>



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Online Local Coupons

<http://www.onlinelocalcoupons.com/>

OverStock.com - Your Online Outlet

<http://www.overstock.com/>

Passwird - Deals and Bargains

<http://www.passwird.com/>

PicClick - Visual Shopping - Find Everything 100X Faster

<http://www.PicClick.com/>

PriceDash - Latest Discount Codes for UK Shops

<http://www.PriceDash.com/>

PriceHub - Actual Sales Prices for New and Used Cars

<http://www.pricehub.com/>

Priceconomics - The Price Guide for Everything

<http://priceconomics.com/>

PriceOwl Alert

<http://priceowlert.com/>

ProCoupon Code

<http://www.ProCouponCode.com/>

Product Reviews and Reports by Consumer Search

<http://www.consumersearch.com/>

Raise Marketplace – Go-To Deals On Your Go-To Brands

<https://www.raise.com/>

Rakuten – Shopping

<http://www.rakuten.com/>

Rather Be Shopping - Free Online Coupons and Links

<http://www.rather-be-shopping.com/>

RedPlum – Save.com Now

<http://www.save.com/coupons/>

Reevoo.com – Customers Convincing Customers

<http://www.reevoo.com/>



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RetailMeNot - Coupon Codes for Online Stores

<http://www.retailmenot.com/>

Retail Savings Guide for People with Disabilities

https://www.couponchief.com/guides/savings_guide_for_those_with_disability

Review Centre - Read Consumer Reviews and Price Comparisons on Thousands of Products and Services

<http://www.reviewcentre.com/>

Review Gist - They Read the Reviews So You Do Not Have To

<http://reviewgist.com/>

RewardsDB - Online Shopping Rewards

<http://www.rewardsdb.com/>

Safe Shopping

<http://www.safeshopping.org/>

Savings.com - Free Online Coupons, Discount Codes and Deals

<http://www.savings.com/>

Savoo.co.uk - Free Online Voucher Codes, Discount Codes, Promo Codes Savings

<http://www.savoo.co.uk/>

Shop.com

<https://www.shop.com/>

Shop It To Me - Free Personal Shopper for Clothes and Accessories

<http://www.shopittome.com/>

Shopping.com

<http://www.shopping.com/>

Shopping Bargains - Online Coupon Code and Discounts for 1,500+ Online Stores

<http://www.shopping-bargains.com/>

Shopping Deals

<http://www.shopping-deals.com/>

Shopping UK Google

<https://www.google.co.uk/shopping>



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Shopping US Google

<https://www.google.com/shopping>

ShopsWell - Shopping Smarter Together

<https://www.shopswell.com/>

SlickDeals

<http://www.slickdeals.net/>

SlickDeals Deals Forums

<http://slickdeals.net/forums/>

Smart Bargains

<http://www.smartbargains.com/>

Smash Deals & Coupons

<http://www.smashdeals.com/>

SplashShopper - Ultimate Smart List Manager You Can Take With You

<http://www.splashdata.com/splashshopper/index.htm>

Stylehive - Connecting Stylish People, Hot Trends and Products

<http://www.stylehive.com/>

Super Pages

<http://www.superpages.com/>

SusieSays - Shop, Compare Prices, Read Reviews, Find Free Coupons

<http://www.susiesays.com/>

Swap.com - Swap Your Items Worldwide

<http://www.swap.com/>

TechBargains

<http://www.techbargains.com/>

The Bargainist - Deals, Sales and Coupons

<http://www.bargainist.com/>

The Budget Fashionista

<http://www.thebudgetfashionista.com/>

ThisNext - Shopcasting Network

<http://www.thisnext.com/>



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Tjoos.com - More Coupons ... Less Crap

<http://www.tjoos.com/>

UltimateCoupons.com

<http://www.ultimatecoupons.com/>

ValoreBooks - The Cheapest Textbooks

<https://www.valorebooks.com/>

ValPak - Coupons and Savings In Your Neighborhood

<http://www.valpak.com/coupons/home>

Vetted Deals 2019

<http://www.VettedDeals.com/>

Want - Find Desired Products Hand-Selected By a Community of Shoppers

<http://wanttt.com/>

Wicked Vouchers from Thousands of UK Retailers

<http://www.wickedvouchers.co.uk/>

WiredDeals

<http://www.WiredDeals.com/>

Woot - One Day, One Deal

<http://www.Woot.com/>

xpBargains - Best Source of Best Tech Deals

<http://www.xpbargains.com/>

Yahoo Shopping

<http://shopping.yahoo.com/>

ZingSale - Alerts for Sales, Deals, Discounts and Bargains

<http://www.ZingSale.com/>

Notes and Suggestions for Virtual Shopping

Whether your gift list is ready or you're wondering how long you can wait to start your holiday shopping, the Federal Trade Commission has online tips to help you get the best deals. The bottom line: Some extra research can really pay off:



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Set a Budget. Create a gift list and check it twice to help you stay on track and not overspend.

Decide What Matters. Especially if you're buying gadgets, know what your "must-have" features are vs. those that are just nice to have.

Use Search Engines. Type a company or product name into your search engine with terms like "review," "complaint" or "scam" to find out more about it.

Read Reviews Online. Reviews from other people, experts, and columnists can give you an idea of how a product performs. But don't put all of your trust in one review.

Consider Reputation. A brand's reputation for quality and good customer service can really pay off.

Check Comparison Shopping Sites. They connect to many retailers selling the same product, sometimes at significantly different prices. Keep shipping costs in mind.

Consider Coupons. Some companies offer discounts via e-mail, and some websites collect and list codes for free shipping and other discounts. Search for the store with terms like "discount," "coupon" or "free shipping."

Read Return Policies. Not all stores have the same rules. Some charge fees for return shipping or restocking things like electronics.

Decide How to Pay. When you shop online, credit cards can offer extra protections.

Look for a Secure Checkout. Does the website start with https (the "s" stands for secure) when you're checking out?

Visit the following Resources to discover additional information on secure online shopping:

Online Scams 101 – How To Avoid Scams

https://us.norton.com/internetsecurity-online-scams-protecting-yourself-from-online-shopping-scams.html?aid=secure_shopping

Shopping Online – Consumer Information

<https://www.consumer.ftc.gov/articles/0020-shopping-online>



Safe Online Shopping Tips from Bank of America

<https://www.bankofamerica.com/credit-cards/education/safe-online-shopping.go>

Online Shopping – Wikipedia

https://en.wikipedia.org/wiki/Online_shopping

Awareness Watch™ Spotters

Updated> Deep Web Research and Discovery Resources 2018

<http://www.DeepWeb.us/>

I have just updated my white paper link dataset compilation and now titled **Deep Web Research and Discovery Resources 2018** and it is now a 61 page 768KB PDF document freely available directly from the above URL. This update verified all links as well as reviewed all resources covered including adding additional links. Currently this has been downloaded over 6,000,000+ times! **November 1, 2018**

Open Educational Resources (OER) Sources 2019

<http://www.OERSources.com/>

“Open Educational Resources (OER) are freely accessible, openly licensed text, media, and other digital assets that are useful for teaching, learning, and assessing as well as for research purposes.” [Wikipedia] Costs continue to rise for students who are pursuing college and post graduate degree programs. By leveraging best practice sites, services and non-traditional options to expand knowledge, skills and abilities in many disciplines, students can choose from a wide range of options to complete their respective goals. This freely available guide, Open Educational Resources (OER) Sources 2019, is a comprehensive listing of useful open educational resources, sources and sites on the Internet that can assist you in optimizing your learning opportunities. This will be added to [OERSearchEngine.com/](http://www.OERSearchEngine.com/). This will be added to [Education and Academic Resources](#) Subject Tracer™. This will be added to [Student Research Resources 2018](#) Subject Tracer™. Updated with all links validated and new links added on November 1, 2018 [26 pages, 716KB PDF]

Updated> Academic and Scholar Search Engines and Sources

<http://www.ScholarSearchEngines.com/>

Internet Annotated Link Dataset Compilation titled "Academic and Scholar Search Engines and Sources" is now a 78 page research paper listing selected resources both new and existing that will help anyone who is attempting to find academic and scholarly information and knowledge available on the Internet. Each source is described along with the URL address than can be accessed. It is freely available as a .pdf file (934KB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S.,](#)



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[A.M.H.A.](#) [Completely Updated with all links validated and new URLs added: November 1, 2018]. Other white papers are available by clicking [here](#).

Drawpile - Network-enabled Drawing Program

<https://drawpile.net>

Drawpile is a network-enabled drawing program that allows multiple users to simultaneously edit the same image. In the servers section, users can find a list of active public sessions and may create their own drawing sessions (either fully open or password protected) on the public Drawpile server. The Drawpile application also includes a built-in server that can host collaborative drawing sessions that are accessible to other users on the same network. A number of functions for managing sessions are provided (for example, kicking/banning problematic users); the full list is described in Collaboration and User Management in the about section of Drawpile's website. Drawpile can also create animations, either by recording a whole drawing session as a video file or by using image layers as frames. Images are exported in OpenRaster format, which can be imported by applications like MyPaint, Krita, or GIMP. Drawpile executables can be downloaded for Windows, macOS, and Linux. Drawpile is free software, distributed under the GNU General Public License version 3, with source code available on GitHub. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <https://scout.wisc.edu>

ShoppingBots and Online Shopping Resources 2019

<http://www.ShoppingBots.info/>

The above is my 23rd annual release of **ShoppingBots and Online Shopping Resources 2019** allowing you to shop with your bot until you drop! I started this in 1996 and have annually released a new edition each year since then! Also included with the list of ShoppingBots (Shopping Search Engines) is a very comprehensive listing of coupon, discount code and deal sites and resources. It is a 30 page .pdf document 741KB and **Created on November 1, 2018**. Other white papers are available by clicking [here](#).

Core ML - Integrate Machine Learning Models Into Your App

<https://developer.apple.com/documentation/coreml>

A trained model is the result of applying a machine learning algorithm to a set of training data. The model makes predictions based on new input data. For example, a model that's been trained on a region's historical house prices may be able to predict a house's price when given the number of bedrooms and bathrooms. Core ML is the foundation for domain-specific frameworks and functionality. Core ML supports Vision for image analysis, Natural Language for natural language processing, and GameplayKit for evaluating learned decision trees. Core ML itself builds on top of low-level primitives like Accelerate and BNNS, as well as Metal Performance Shaders. Core ML is optimized for on-device performance, which minimizes memory footprint and power consumption. Running strictly on the device ensures the privacy of user data and guarantees that your



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app remains functional and responsive when a network connection is unavailable. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

ML Kit - Machine Learning for Mobile Developers

<https://developers.google.com/ml-kit/>

ML Kit beta brings Google's machine learning expertise to mobile developers in a powerful and easy-to-use package. Features include: a) Optimized for mobile - Machine learning can make your apps more engaging, personalized, and helpful, and provides solutions that are optimized to run on-device; b) Built with Google expertise - ML Kit offers the technologies that have long powered Google's own experiences on mobile; and c) Approachable and comprehensive - Use out-of-the-box solutions (base APIs) or custom models, running on-device or in the Cloud, depending on your specific needs. Their ultimate goal is to reduce idea-to-implementation cycles and make AI an essential and intuitive part of a developer's toolkit. We will do so by continuing to add new Base APIs that leverage Google's machine learning expertise. Base APIs will ultimately cover significantly more use cases in the vision, speech, and text fields. We will also continue to simplify use of custom models, adding tools to deploy, compress, and create them. We hope you will find ML Kit useful! This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Dialogflow - Build Natural and Rich Conversational Experiences

<https://dialogflow.com/>

Give users new ways to interact with your product by building engaging voice and text-based conversational interfaces, such as voice apps and chatbots, powered by AI. Connect with users on your website, mobile app, the Google Assistant, Amazon Alexa, Facebook Messenger, and other popular platforms and devices. Features include: a) Powered by Google's machine learning - Dialogflow incorporates Google's machine learning expertise and products such as Google Cloud Speech-to-Text; b) Built on Google infrastructure - Dialogflow is backed by Google and runs on Google Cloud Platform, letting you scale to hundreds of millions of users; c) Optimized for the Google Assistant - Dialogflow is the most widely used tool to build Actions for more than 400M+ Google Assistant devices; d) On any platform - Build Actions, Skills, bots, and apps for the Google Assistant, Alexa, Cortana, Facebook Messenger and other platforms your users are on; e) Across devices - Whether your users are on-the-go or at home, engage with them through wearables, phones, cars, speakers and other smart devices; and f) Around the world - Broaden your reach globally with 20+ supported languages including Spanish, French, and Japanese. This will be added to [ChatterBots](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be

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added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

WIT.ai - Natural Language for Developers

<https://wit.ai/>

Wit.ai makes it easy for developers to build applications and devices that you can talk or text to. Our vision is to empower developers with an open and extensible natural language platform. Wit.ai learns human language from every interaction, and leverages the community: what's learned is shared across developers. Used by over 160,000 developers! This will be added to [ChatterBots](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Rasa NLU - Language Understanding for ChatBots and AI Assistants

<https://rasa.com/docs/nlu/>

Rasa NLU is an open-source natural language processing tool for intent classification and entity extraction in chatbots. The target audience is developers building chatbots and voice apps. The main reasons for using open source NLU are that: a) You don't have to hand over all your training data to Google, Microsoft, Amazon, or Facebook; b) Machine Learning is not one-size-fits all. You can tweak and customize models for your training data; and c) Rasa NLU runs wherever you want, so you don't have to make an extra network request for every message that comes in. You can read about the advantages of using open source NLU in this [blog post](#) . You can see an independent benchmark comparing Rasa NLU to closed source alternatives [here](#). This will be added to [ChatterBots](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Microsoft Azure Cognitive Services

<https://azure.microsoft.com/en-in/services/cognitive-services/>

Infuse your apps, websites and bots with intelligent algorithms to see, hear, speak, understand and interpret your user needs through natural methods of communication. Transform your business with AI today. Use AI to solve business problems: 1) Vision - Image-processing algorithms to smartly identify, caption and moderate your pictures; 2) Speech - Convert spoken audio into text, use voice for verification or add speaker recognition to your app; 3) Knowledge - Map complex information and data in order to solve tasks such as intelligent recommendations and semantic search; 4) Search - Add Bing Search APIs to your apps and harness the ability to comb billions of webpages, images, videos and news with a single API call; 5) Language - Allow your apps to process natural language with pre-built scripts, evaluate sentiment and learn how to

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recognise what users want. Engage your customers through chat ... Bring together Cognitive Service APIs and Bot Framework to engage your audience on a whole new level. Build a bot that embodies your brand, addresses your customers' main questions and escalates to a human operator if needed. This will be added to [ChatterBots](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Machine Learning on AWS

<https://aws.amazon.com/machine-learning/>

Machine learning in the hands of every developer and data scientist. At Amazon, we've been investing deeply in artificial intelligence for over 20 years. Machine learning (ML) algorithms drive many of our internal systems. It's also core to the capabilities our customers experience – from the path optimization in our fulfillment centers, and Amazon.com's recommendations engine, to Echo powered by Alexa, our drone initiative Prime Air, and our new retail experience Amazon Go. This is just the beginning. Our mission is to share our learnings and ML capabilities as fully managed services, and put them into the hands of every developer and data scientist. Features include: a) Machine Learning for everyone - Whether you are a data scientist, ML researcher, or developer, AWS offers machine learning services and tools tailored to meet your needs and level of expertise; b) API-driven ML services - Developers can easily add intelligence to any application with a diverse selection of pre-trained services that provide computer vision, speech, language analysis, and chatbot functionality; c) Broad framework support - AWS supports all the major machine learning frameworks, including TensorFlow, Caffe2, and Apache MXNet, so that you can bring or develop any model you choose; d) Breadth of compute options - AWS offers a broad array of compute options for training and inference with powerful GPU-based instances, compute and memory optimized instances, and even FPGAs; e) Deep platform integrations - ML services are deeply integrated with the rest of the platform including the data lake and database tools you need to run ML workloads. A data lake on AWS gives you access to the most complete platform for big data; f) Comprehensive analytics - Choose from a comprehensive set of services for data analysis including data warehousing, business intelligence, batch processing, stream processing, data workflow orchestration; g) Secure - Control access to resources with granular permission policies. Storage and database services offer strong encryption to keep your data secure. Flexible key management options allow you to choose whether you or AWS will manage the encryption keys; and h) Pay-as-you-go - Consume services as you need them and only for the period you use them. AWS pricing has no upfront fees, termination penalties, or long term contracts. The AWS Free Tier helps you get started with AWS. Machine learning requires a broad set of powerful compute options, ranging from GPUs for compute-intensive deep learning, to FPGAs for specialized hardware acceleration, to high-memory instances for running inference. Amazon EC2 provides a wide selection of instance types optimized to fit machine

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learning use cases. Instance types comprise varying combinations of CPU, memory, storage, and networking capacity and give you the flexibility to choose the appropriate mix of resources, whether you are training models or running inference on trained models. This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Watson - Enterprise Ready AI

<https://www.ibm.com/watson/>

Powered by the latest innovations in machine learning, Watson lets you learn more with less data. You can integrate AI into your most important business processes, informed by IBM's rich industry expertise. You can build models from scratch, or leverage our APIs and pre-trained business solutions. No matter how you use Watson, your data and insights belong to you – and only you. Features include: a) Protect your insights - Only Watson gives you complete control of what's important to you. With Watson on the IBM Cloud, you maintain ownership of your data, insights, training, and IP; b) Reimagine your workflows - Your business processes get smarter with Watson. From healthcare and education to finance, transportation, and energy, Watson is trained by leading experts in your field, so you can quickly embed into your existing workflows. Watson understands the language of your industry and taps into deep domain knowledge to help you make more informed decisions faster; and c) Learn more with less data - Your data is valuable, no matter how much (or little) you have. Watson can ingest, enrich, and normalize a wide variety of data types without any additional integration, allowing you to make use of data from a broad range of sources with ease. This will be added to [ChatterBots](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

How Machine Learning As a Service Is Transforming Cloud by Vljn Boricha

<https://hub.packtpub.com/how-machine-learning-as-a-service-transforming-cloud/>

Machine learning as a service (MLaaS) is an innovation that is growing out of 2 of the most important tech trends – cloud and machine learning. It's significant because it enhances both. It makes cloud an even more compelling proposition for businesses. That's because cloud typically has three major operations: computing, networking and storage. When you bring machine learning into the picture, the data that cloud stores and processes can be used in radically different ways, solving a range of business problems. Cloud platforms have always competed to be the first or the best to provide new services. This includes platform as a service (PaaS) solutions, infrastructure as a service (IaaS) solutions and software as a service (SaaS) solutions. In essence, cloud providers like AWS and Azure provide sets of software to different things so their customers don't have to. Machine learning as a service is simply another instance of the services offered by cloud providers. It could include a wide range of features, from data visualization to

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predictive analytics and natural language processing. It makes running machine learning models easy, effectively automating some of the work that might have typically done manually by a data engineering team. This will be added to [Artificial Intelligence Resources 2019](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

How We Get to Next

<https://howwegettonext.com>

How We Get to Next, created by popular author Steven Johnson with support from the Bill and Melinda Gates Foundation and the Lemelson Foundation, is dedicated to sharing "inspiring stories about the people and places that are building our future." PBS viewers may be familiar with Steven Johnson's 2014 multi-part documentary How We Got to Now, which explored the stories behind a number of key inventions and breakthroughs in our daily life - including refrigeration, glass, and modern sanitation. How We Get to Next focuses its lens on contemporary innovations, providing stories about developments in fashion, space, and health, among other areas. On the site's homepage, visitors can check out recently featured articles. One highlight of the website is its reading list, where visitors can check out links to articles, books, and videos related to a single theme. Podcast fans will also want to check out the Wonderland Podcast, which explores the role of play in creativity and innovation. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <https://scout.wisc.edu>

Neuton - Disruptive Neural Network Framework

<https://neuton.ai/>

Neuton is a disruptive neural network framework that is far more effective than any other framework and non-neural algorithm available on the market. Neuton is an Auto ML solution with resulting models that are self-growing and learning. Furthermore, Neuton is so easy to use that no special AI background is needed. Their brand new framework has a completely new structure that is not comparable to existing neural network frameworks and non-neural algorithms. No longer is there a need to go through the lost time and labor of using AI/Auto ML solutions that assess and build models using various non-neural algorithms and neural network frameworks to find the best solution to any given problem. Neuton grows the best model automatically. This will be added to [Bot and Intelligent Agents Resources](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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Intra - Android Application That Protects Against DNS Manipulation

<https://jigsaw.google.com/projects/#intra>

DNS manipulation is one of the most common forms of online censorship, used to block access to news sites, information portals, social media platforms and communication apps. Intra is an Android app that protects against DNS manipulation, making it easy to access blocked websites and apps and get safer access to the internet. DNS manipulation is one of the most common forms of online censorship, used to block access to news sites, information portals, social media platforms and communication apps. Intra is an Android app that protects against DNS manipulation, making it easy to access blocked websites and apps and get safer access to the internet. Features include: a) More open internet access - Intra lets you access websites and apps blocked by DNS manipulation, one of the most common forms of censorship online; b) Protection from digital attacks - Intra helps protect you from phishing and malware. These attacks are used to steal personal information like usernames and passwords or install software on your device by redirecting you to fake websites; c) Unlimited protection with one click - Intra couldn't be simpler to use — just leave it on and forget about it. Intra won't slow down your internet connection and there's no limit on data usage; and d) Technology you can trust - Intra keeps your information private. We don't track the apps you use or websites you visit. Intra lets you customize your DNS server provider. You can use your own server, or pick from popular providers like Cloudflare or Google. Intra works on Android 4.0 and later. Get started in just a few seconds. Intra is an open source project created by Jigsaw, a technology incubator within Alphabet, to provide people with a safer way to access the internet. Discuss Intra on Reddit and contribute to the code on GitHub. This will be added to [Information Quality Resources](#) Subject Trace™. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Share the Facts

<https://www.sharethefacts.org/>

The Share the Facts widget provides a new way for readers to share fact-check articles and spread them virally across the Internet. The compact Share the Facts box summarizes the claim being checked and the fact-checkers' conclusion in a mobile-friendly format. The widgets have a consistent look but can be customized with the fact-checkers' logos and ratings, such as Pinocchios or the Truth-O-Meter. The standardization allows readers to recognize fact-checking whenever they come across it on the web and to post Share the Facts on social media and embed the boxes in articles and blog posts. Fact-checkers can create Share the Facts boxes using a simple template developed by the Duke Reporters' Lab. The form generates the HTML of the box that can be pasted into a content management system (CMS) or embedded in the same way as a tweet. Fact-checkers who use the widget in their work can receive a special display in Google search results and Google News, and they have the ability to participate in future fact-checking products being developed at Duke. Share the Facts boxes are fully machine-readable, enabling new

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ways of assembling automated collections of fact-check findings from across the Internet. For example, you could set up a page that compiles Share the Fact boxes from a single event or individual. Share the Facts will be helpful to columnists and bloggers because they'll be able to compile and display several boxes for a debate or a candidate the same way they embed tweets. Share the Facts was developed by the Duke Reporters' Lab and Jigsaw, a technology incubator within Alphabet, the parent company of Google. This will be added to [Information Quality Resources](#) Subject Trace™. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Unfiltered.News

<http://www.Unfiltered.News/>

One of the greatest threats to free expression is censorship you can't see. Unfiltered.News maps what important news stories might not be covered in your country, using the Google News corpus to allow internet users to discover which stories are being covered in certain locations, how different countries cover stories differently, and how issue coverage changes over time. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Project Shield - Protecting News From Digital Attacks

<https://projectshield.withgoogle.com/public/>

Project Shield is a free service that uses Google technology to protect news sites and free expression from DDoS attacks on the web. Major features include: a) Advanced DDoS protection = Project Shield is built on Google's infrastructure, creating a multi-layer defense system to protect your site against DDoS attacks, including layer 3/4 and layer 7 attacks; b) Free, unlimited protection - No matter the size of your website or the size of the attack, Project Shield provides free protection for news, journalist, human rights, and elections monitoring sites; and c) Customizable caching - Project Shield caches content to strengthen DDoS defenses and improve site performance, and provides advanced cache invalidation controls. You can customize the cache settings to meet your site's needs. Other features include: 1) Real-time site analytics; 2) Support from Google; 3) SSL support; 4) Fast, reliable service; 5) Easily add new sites and admins; and 6) Bare domain support. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



Investigative Dashboard

<https://jigsaw.google.com/projects/#investigative-dashboard>

For investigative journalists, financial records are the clues that reveal government corruption or crimes. Investigative Dashboard makes public documents (such as financial or property records) searchable and more useful for journalists investigating money laundering or corruption. The tool also allows researchers and journalists to work collaboratively, creating a platform for data-driven investigations. Features include: a) Find online sources - Browse our global index of public registries for companies, land registries and courts; b) Search for leads - Search millions of documents and datasets, from public sources, leaks and investigations; and c) Map your investigation - Create visual investigative scenarios that map the people and companies in your story. The Investigative Dashboard is operated by the Organised Crime and Corruption Reporting Project, a not-for-profit network of award-winning investigative reporting teams. ID is supported by international partner networks and their donors. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Decentral Neuro Messenger

<https://olportal.ai/>

The world's first decentralized messenger on neural networks with the Artificial Intelligence dialogue function. They develop a groundbreaking technology allowing creating Artificial Intelligence products right in your OLPORTAL messenger's account. We build a unique ecosystem for OLAI neurobots to let you use them in your chats. You will be able to create, train, and promote your personal OLAI. Besides, we are the first project in the world to give access to the Artificial Intelligence to each user. OLAI is the world's first neurobot with AI, shaping your communication in chats instead of you or on your behalf. Herewith, OLAI can be your splitting image in dialogues or may reply in the manner of celebrities or fabulous characters. The OLPORTAL messenger brings to life a brand-new type of targeted advertising - more advanced and effective than any other existing at the moment. This is the embodiment of an ideal native advertising communication coming from your friends and relatives with whom you deal in messengers daily. The Artificial Intelligence embedded in the targeting OLAI neurobots analyses needs indicated in your dialogues by considering different parameters, both bringing profit to you and providing your opponent with the information about the needed goods and services that are available on favorable terms not causing any disturbance to your but bringing benefit for both parties in a common converse. OLTARGET service brings new opportunities to the world of advertising with the help of OLAI neurobots existing inside the messenger along with the real users. This will be added to [ChatterBots](#) Subject Tracer™. This will be added to [Bot and Intelligent Agents Resources](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial](#)



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Infer.Net - Probabilistic Programming

<https://dotnet.github.io/infer/>

Infer.NET is a framework for running Bayesian inference in graphical models. It can also be used for probabilistic programming as shown in this video. You can use Infer.NET to solve many different kinds of machine learning problems, from standard problems like classification, recommendation or clustering through to customised solutions to domain-specific problems. Infer.NET has been used in a wide variety of domains including information retrieval, bioinformatics, epidemiology, vision, and many others. Infer.NET is published as open source on GitHub under the MIT license and also available as NuGet packages. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

BibMe™ - The Online Writing Center

<http://www.bibme.org/>

BibMe™ is an automated citation creator and bibliography generator. It can save you loads of time building and formatting your references, time that is understandably valuable and would be better served working on your paper. Don't want to spend countless hours typing in information about your educational references, or looking through the style manuals' rules? No problem! BibMe can find your source from external databases, fill in the information, and then accurately format the citation. Or, if you have the source in front of you, you can enter your entries in manually. Students can also learn how to properly cite their references by consulting the style manual guidelines (and plenty of example citations) on the "Citation Guide" page. This will be added to [Reference Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Genially - The Most Stunning, Visual, and Effective Contents You've Ever Made

<https://genial.ly/>

The tool for creating interactive communication experiences that make your audience fall in love. Communicate, educate, and attract more than ever before. It's time to bring your contents to life. Their main goal is that any person be able to make stunning, interactive, and animated contents. They want to help improve the way we present, communicate, spread information, and teach. And they are making it happen. Over 1,000,000 people in more than 195 countries are already creating the visual contents of the future with Genially. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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Government Information Online

<https://godort.libguides.com/GIO>

Through Government Information Online (GIO) you can ask government information librarians questions on almost any subject from aardvarks to zygomycolysis. GIO is a free online information service supported by a number of libraries that are members of the Government Information Online. GIO is a free online information service supported by libraries that participate in the U.S. Government Publishing Office's Federal Depository Library Program. Many are also official depository libraries for other types of governments and public agencies. GIO is sponsored by the Government Documents Round Table of the American Library Association. Who is answering my question? Government information librarians with a specialized knowledge of agency information dissemination practices — as well as expertise in how to use government information products, resources and or publications — answer all the questions submitted to GIO. These librarians are dedicated to helping users meet their government information needs. Librarians from a number of institutions who are experts at finding information from government agencies of all levels (local, state, regional, national international) answer all of the questions submitted to GIO. This will be added to [Internet Experts](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

On-Device AI

<https://www.technologyreview.com/hub/ubiquitous-on-device-ai/>

AI, machine learning, deep learning, autonomous systems and neural networks are not just buzzwords and phrases. Increased compute power, more efficient hardware and robust software, as well as an explosion in sensor data from the Internet of Things — are fueling machine learning, and moving actionable data and intelligence towards edge devices. As AI makes devices, including smartphones and automobiles, more intelligent, mobile is becoming the key platform for enhancing all aspects of our lives, having an impact now and in the future. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Data-Driven Market - Explaining 50+ Terms You Should Know

<https://lp.liveramp.com/digital-marketing-glossary.html>

It's getting harder and harder to keep track of every new platform and acronym in the modern marketer's arsenal. So here's a list of the core terms and technologies they believe every data-driven marketer needs to know to understand all the techno-babble, look smart in meetings and stay on top of this crazy, complex discipline. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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Perspective - Host Better Conversations

<https://www.perspectiveapi.com/>

Discussing things you care about can be difficult. The threat of abuse and harassment online means that many people stop expressing themselves and give up on seeking different opinions. Perspective is an API that makes it easier to host better conversations. The API uses machine learning models to score the perceived impact a comment might have on a conversation. Developers and publishers can use this score to give realtime feedback to commenters or help moderators do their job, or allow readers to more easily find relevant information. They will be releasing more machine learning models later in the year, but their first model identifies whether a comment could be perceived as “toxic” to a discussion. Perspective is in the early days of research and development. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Dun & Bradstreet

<https://www.dnb.com/>

They have the largest global commercial database on the planet, but ultimately, that’s not our business. What we’re really about is helping our customers build smart relationships. In a networked world, the stronger your relationships are – and the more strategic your associations – the more value you’ll be able to deliver to buyers. Their data and analytics bring distinct clarity to our customers’ relationship-related decisions...whether these relationships involve buyers, prospects, suppliers or partners (potential or actual). But we don’t just dump business data on your doorstep. They find truth and meaning in that data, delivering insights on your key relationships, however and wherever you want them. With Dun & Bradstreet, it’s easier to choose the most promising companies to move forward with...and the riskiest ones to leave behind. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

New Entrepreneurial Growth Agenda (NEG)

<https://www.kauffman.org/neg/neg-intro>

Collection of Essays on Entrepreneurship - The Kauffman Foundation’s initiative to develop new ideas for how to spur broad-based economic growth and opportunity through entrepreneurship. The New Entrepreneurial Growth Agenda is a collection of essays written by the nation's leading researchers and policy experts offering recommendations for how national, state, and local governments can foster entrepreneurship. These essays are rich in content and cover myriad issues that affect entrepreneurship and vice versa, from technology creation and destruction, to inequality, talent, and education improvements, to a focus on cities, overall policies, and politics. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be

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Annual Survey of Entrepreneurs (ASE)

<https://www.census.gov/programs-surveys/ase.html>

The ASE provides annual data on select economic and demographic characteristics of employer businesses and their owners by gender, ethnicity, race, and veteran status. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Liquid by Blockstream

<https://blockstream.com/liquid/>

Rapid, confidential, and secure bitcoin transfers to give traders the liquidity they are looking for. Features include: a) Faster Trading - Near instant bitcoin transfers between exchanges allows your users to take advantage of arbitrage opportunities like never before; b) Enhanced Efficiency - Allow your market makers to improve their capital efficiency by reducing balances held across multiple exchanges; c) Verifiable Sidechains - Every Liquid transaction is real bitcoin, pegged via a sidechain to the Bitcoin blockchain, so you're always dealing with real, verifiable assets; d) Better Privacy - The Confidential Transactions feature for bitcoin amounts transferred using the Liquid network protects your users against unwanted data analysis and front running; and e) Superb Reliability - Built using the battle tested Bitcoin codebase, the Liquid blockchain preserves the security characteristics of decentralization and trustless transactions that you expect. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Ultimate Resources to Learn Digital Photography

<https://www.consumersbase.com/digital-photography-guide/>

They have spent more than 72 Hours in researching and finding out the best resources that will help you to learn everything about digital photography. Learning to properly use a digital camera is crucial. Film cameras are long dead and digital cameras are here to stay. If you are just stepping into the photography realm, this is only resource you need. This will be added to [Tutorial Resources](#) Subject Tracer™. This will be added to [eCommerce Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

digiKam

<https://www.digikam.org>

digiKam is a professional-quality photo management system. It supports a five-stage photographic workflow: import, organization, browsing, processing, and publishing. The



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import step is able to work with any digital camera supported by Gphoto2. This covers many hundreds of models, with a full list linked from the digiKam features page. The organize step allows users to group photos and videos into albums and sub-albums, each of which can carry comments and tags. The browsing mode supports lightbox-style side-by-side comparisons of pictures and offers a sidebar that displays comprehensive image metadata. Image processing support includes color correction and enhancement out of the box, with additional filters available as plugins. In the publication step, photos and albums can be exported to numerous services including Flickr, SmugMug, and Facebook. Additionally, albums can also be imported from Facebook and Shwup. digiKam executables are available for Windows, macOS, and Linux AppImage containers. Most Linux distributions also include a digiKam package. digiKam is free software, licensed under the GNU General Public License. Instructions for obtaining source code are included on the download page. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

Publons

<https://publons.com/home>

The peer review process is an essential part of publishing high-quality academic research, but it can be a time-consuming, thankless task, which often slows publication. One organization trying to change this is Publons, a company which "turn[s] peer review into a measurable indicator of a researcher's expertise and contributions to their field" as part of their mission to "speed up research by harnessing the power of peer review." Here, academic researchers can create a free profile and "import, verify, and store a record of every peer review [they] perform and every manuscript [they] handle as an editor, for any journal in the world, in full compliance with all editorial policies." Interested visitors can browse the more than 400,000 participating researchers as well as an extensive FAQ section detailing how Publons works for reviewers, editors, and publishers. Early-career researchers may want to check out Publons Academy, a free online course found under the actions tab. Publons was founded in 2012 in New Zealand by physicist Andrew Preston and social scientist Daniel Johnston. In 2017 it was acquired by Clarivate Analytics, the parent company of Web of Science, and that same year Publons won the ALPSP Innovation in Publishing Award. This will be added to [Academic and Scholar Search Engine and Sources](#) white paper. This will be added to [Education and Academic Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>



December 2018 Zillman Column - 2019 Guide to Finding Experts

http://columns.virtualprivatelibrary.net/2019_Guide_Finding_Experts_Dec18_Column.pdf

<http://www.zillmancolumns.com/>

The December 2018 Zillman Column features **2019 Guide to Finding Experts** by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This is a comprehensive listing of expert sources and resources currently available on the Internet. These include indexes, search engines, and directories as well as individual websites and sources that supply the latest technology and information on experts and how it relates to you and the Internet. The list of sources is constantly updated with Subject Tracer™ bots from the following URL: <http://www.FindingExperts.info/>. These resources will help you to discover the many pathways available to you through the Internet to find the latest expert resources, sources and sites. This is another MUST have column to discover the latest competent expert resources to give you the information you need in today's ever changing and fast paced [2018 New Economy](#) business and academic world!!

The Trust Project

<https://thetrustproject.org/>

The Trust Project, a consortium of top news companies led by award-winning journalist Sally Lehrman, is developing transparency standards that help you easily assess the quality and credibility of journalism. Our original launch partners include the dpa news agency, The Economist, The Globe and Mail, Hearst Television, the Independent Journal Review, Haymarket Media, Institute for Nonprofit News, Italy's La Repubblica and La Stampa, Mic, Reach Plc and The Washington Post. Search engines and social media companies are external partners. Our Trust Indicators are based on interviews with real people who told us what they value in news and when they trust it. We're hosted by Santa Clara University's Markkula Center for Applied Ethics in Silicon Valley. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

News Integrity Initiative

<https://www.journalism.cuny.edu/centers/tow-knight-center-entrepreneurial-journalism/news-integrity-initiative/>

The News Integrity Initiative at the Craig Newmark Graduate School of Journalism at the City University of New York is a \$14 million fund supporting efforts to connect journalists, technologists, academic institutions, non-profits, and other organizations from around the world to foster informed and engaged communities, combat media manipulation, and support inclusive, constructive, and respectful civic discourse. They envision a world in which people are armed with accurate, comprehensive news and information that strengthens their sense of ownership and opportunities in the places where they live and work, empowers them to participate in community decision-making,

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and deepens their understanding of and empathy for people of all backgrounds and experiences. Through grants, applied research, events, and other activities, NII, the Newmark Graduate School of Journalism and our partners around the world will build bridges between the public and journalists to foster collaboration and develop mutual respect and trust. This includes helping journalists learn new ways to listen to, empathize with, and reflect the needs and goals of the communities they serve. We will prioritize work that meaningfully represents and reaches diverse communities. Additionally, we will help news organizations bring journalism to the public where they are, in conversations on many platforms. They will examine new ways to achieve news literacy, broadly defined, and investigate the roots of trust and mistrust in news, as well as the influence and impact of manipulation and misinformation on the public conversation. NII also will extend the longstanding work of the Tow-Knight Center for Entrepreneurial Journalism's efforts to build bridges between platforms and publishers, encouraging and supporting collaboration in service of the public and of journalism. The News Integrity Initiative is a project of the Foundation for the Craig Newmark Graduate School of Journalism under the auspices of the school's Tow-Knight Center for Entrepreneurial Journalism. The fund is seeded with \$14 million in grants from a coalition of partners, which currently include Facebook, Craig Newmark Philanthropic Fund, Ford Foundation, AppNexus, Knight Foundation, Tow Foundation, Betaworks, Mozilla, and Democracy Fund. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

NewsGuard - Restoring Trust & Accountability

<https://www.newsguardtech.com/>

NewsGuard uses journalism to fight false news, misinformation, and disinformation. Their trained analysts, who are experienced journalists, research online news brands to help readers and viewers know which ones are trying to do legitimate journalism—and which are not. Their Green-Red ratings signal if a website is trying to get it right or instead has a hidden agenda or knowingly publishes falsehoods or propaganda. Readers have more context for their news online. And advertisers worried about their brands' reputations keep their ads off unreliable news sites. NewsGuard also provides "Nutrition Label" write-ups on all the news and information websites among the 4,500 sites that account for 98% of online engagement in the U.S., in English. A SWAT team of NewsGuard analysts operates 24/7 to identify suddenly trending purveyors of unreliable news among sites that NewsGuard has not yet rated and warn internet users about them in real time. After launching in the U.S., NewsGuard will expand to serve the billions of people globally who get news online. Their goal is to give everyone the information they need to be better informed about which news sources they can rely on—or can't rely on. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#)



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The Ethical Journalism Network

<https://ethicaljournalismnetwork.org/>

The EJN is a coalition of more than 60 groups of journalists, editors, press owners and media support groups from across the globe and we are growing. They are a registered UK charity and supervised by a Board and an international network of advisors. Their supporters represent many different cultures and media traditions, but they share the conviction that the principles of ethical journalism are universal and a precious resource that builds respect for democracy and human rights. The Ethical Journalism Network aims to strengthen the craft of journalism and to promote for the public benefit high ethical standards in media through education, training and publication of useful research. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Internews

<https://www.internews.org/>

Internews works to ensure access to trusted, quality information that empowers people to have a voice in their future and to live healthy, secure, and rewarding lives. They envision a world where everyone can communicate freely with anyone, anywhere, and exchange the news and information they need to shape their communities and the world. For close to 35 years and in more than 100 countries, they have worked with their local partners to build hundreds of sustainable organizations, strengthened the capacity of thousands of media professionals, human rights activists, and information entrepreneurs, and reached millions of people with quality, local information, improving lives and building lasting change. Their decentralized and entrepreneurial model gives them the local flexibility to find the best solutions and the nimbleness required to work in a rapidly changing, uncertain and complex world. On issues ranging from health and the environment to conflict and governance, Internews has developed approaches that harness the power of media and information to create positive change. Internews is a non-profit organization operating internationally, with administrative centers in California, Washington DC, London and Paris, as well as regional hubs in Bangkok and Nairobi. Formed in 1982, Internews currently has offices in Africa, Asia, Europe, the Middle East, Latin America and North America. Internews is registered as a 501(c)3 organization in California, EIN 94-3027961, in England and Wales as a Charity no. 1148404 and Company no. 7891107 and in France as Non-Profit Association SIRET no. 425 132 347 000 13. Internews Network and Internews Europe operate cooperatively with independent boards of directors. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to

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Trusting News - RJU Research Project

<https://www.rjionline.org/stories/series/trusting-news>

How do people decide what news is trustworthy? How can journalists influence what users consume and share on social media? And in the era of fake stories, when untruths often travel faster than the truth, what can credible journalists do to stand out? When they began the Trusting News project in January 2016, they had no idea how the presidential campaign would evolve. They didn't know the intentional spread of false information would play an even larger role in the information climate. They didn't know Facebook's algorithm would move toward favoring posts shared by individuals over those shared by pages, making it all the more important that news consumers help spread our content. They just knew the issue of reclaiming the credibility of journalism was worthy of focused attention. The Donald W. Reynolds Journalism Institute engages media professionals, scholars and other citizens in programs aimed at strengthening journalism in the service of democracy. RJI generates and tests new techniques and new thinking that promise to improve journalism. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Media Manipulation Initiative (MMI)

<https://datasociety.net/research/media-manipulation/>

Efforts to exploit technical, social, economic and institutional configurations of media can catalyze social change, sow dissent, and challenge the stability of social institutions. The Media Manipulation Initiative (MMI) examines how different groups use the participatory culture of the internet to turn the strengths of a free society into vulnerabilities, ultimately threatening expressive freedoms and civil rights. Efforts to exploit technical, social, economic, and institutional configurations of media can catalyze social change, sow dissent, and challenge the stability of social institutions. Broadly, this initiative takes a sociotechnical approach to understanding the social, political, and economic incentives to game information systems, websites, platforms, and search engines—especially in cases where the attackers intend to destabilize democratic, social, and economic institutions. Through empirical research, they identify the unintended consequences of socio-technical systems and track attempts to locate and address threats, with an eye towards increasing organizational capacity across fields, so that action can be taken as problems emerge. From social movements, to political parties, governments, dissidents, and corporations, many groups engage in active efforts to shape media narratives. Media manipulation tactics include: planting and/or amplifying misinformation and disinformation using humans (troll armies, doxxing, and bounties) or digital tools (bots); targeting journalists or public figures for social engineering (psychological manipulation); gaming trending and ranking algorithms, and coordinating

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action across multiple user accounts to force topics, keywords, or questions into the public conversation. Because the internet is a tool, a tactic, and a territory – integral to challenging the relations of power– studying the new vulnerabilities of networked media is fundamental to the future of democracies. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

DeepNews.ai

<https://www.deepnews.ai/>

A batch of stories will be submitted to the platform and they will be scored on a scale of 1 to 5 based on their journalistic quality. This process will be performed automatically and in real time. They define quality narrowly; in its simplest terms, they look for value-added journalism. This means coverage built on a genuine journalistic approach: depth of reporting, expertise, investigation, analysis, ethical processes, and resources deployed by the newsroom. The platform is based on a combination of two models. — The first model involves two sets of “signals” to assess the quality of journalistic work: Quantifiable Signals and Subjective Signals. Quantifiable Signals are collected automatically. These signals include the structure and patterns of the HTML page, advertising density, use of visual elements, bylines, word count, readability of the text, information density (number of quotes and named entities). Subjective Signals are based on criteria used by editors (and intuitively by readers) to assess the quality of a story: writing style, thoroughness, balance & fairness, timeliness, etc. (This set will be used only in the building phase of the model). The second model is based on deep learning techniques, like "text-embedding" in which texts from large volumes of data (millions of articles) are converted into numerical values to be fed into a neural network. This neural net returns probabilities of scoring. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Trust & News Initiative: Automating Fact-Checking

<https://knightfoundation.org/grants/8050>

To accelerate innovation in the practice of fact checking by supporting new forms and technological approaches to increase accurate information and reduce the spread of misinformation. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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Our.News - Pushing Back On Misinformation

<https://our.news/>

Our.News makes it easy for anyone to fact check and rate the news, by arming the public with all the tools and information needed to make a quick determination between real and junk news. The platform is non-partisan and transparent, providing both validated background information on news publishers, and leveraging the wisdom of the crowd to determine the public's view of the veracity of news articles, This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

WikiTRIBUNE News Platform

<https://www.wikitribune.com/>

WikiTribune is a news platform that is primarily about volunteers doing neutral, factual, high-quality news. The WikiTribune community strives to create articles with a very high degree of transparency and accountability. The most important thing to understand is that you can edit every story at WikiTribune. You'll start out with a surprising amount of permission to edit things from day one. After you've been around a bit and shown yourself not to be disruptive, you'll be promoted to being able to publish articles directly. And when the community really finds you genuinely trustworthy (and nice!) you can be promoted to admin. As you have fun with WikiTribune, you'll likely run into staff members – who are here to support you, not to boss you. This will be added to [Journalism Resources](#) Subject Tracer™. This will be added to [Information Quality Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Congressional Data Coalition

<http://congressionaldata.org/>

They are a coalition of citizens, public interest groups, trade associations, and businesses that champion greater governmental transparency through improved public access to and long-term preservation of congressional information. For the benefit of the general public, they encourage Congress to broadly disseminate information about congressional activities and to create congressional information in ways that optimize its reuse and facilitate its long-term preservation. They marshal coalition members to create, share, and collaborate on legislative data byproducts for further reuse. And they educate Congress on the benefits of open data and partner with it to improve internal processes. They believe the public has a right to know what its government is doing. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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Seafile

<https://www.seafile.com>

Seafile is a cloud storage solution similar to Dropbox or Google Drive. However, unlike those services, the Seafile server is self-hosted on hardware controlled by the user. Users can interact with their files in two primary modes. In the first mode, using the Drive client, files are downloaded as needed without an initial synchronization step. Copies of files that are in use are stored locally, both for speed and to provide offline access, but users don't need to have space locally for all their cloud files. In Syncing mode, a library of files is synchronized to the local device. After the initial synchronization, only changed portions of files are sent over the network. In both modes, users may opt to enable client-side file encryption, which encrypts files prior to sending them to the server. Seafile desktop clients are available for Windows, macOS, and Linux. Mobile clients are available for Android and iOS devices. Seafile servers are available for Windows and Linux. Home users may be interested in the Raspberry Pi version. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

Engine - The Voice of StartUps In Government

<http://www.engine.is/>

When startups speak, policymakers listen. Engine is supported by thousands of startups across America. Engine supports the growth of technology entrepreneurship through economic research, policy analysis, and advocacy on local and national issues. Founded in 2011 to harness the political power of the startup and tech communities, Engine is a policy, advocacy, and research organization supporting startups as an engine for economic growth. Engine Research Foundation is a 501(c)(3) and Engine Advocacy is a 501(c)(4). This will be added to [StartUp Resources for the Entrepreneur 2018](#). This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Ubersuggest - More Suggestions and Data on Keywords

<https://neilpatel.com/ubersuggest/>

Looking for more keyword ideas? Type in a keyword to start generating more suggestions. Features include: a) Keyword Overview - Do you want more data on a keyword? Whether it is for SEO or PPC, you'll get an overview on everything. From volume, to seasonality, to cost per click data, Ubersuggest keyword tool will show you everything for free. Feel free and use the keyword tool as many times as you want without any limitations; b) Keyword Suggestions - Need more keyword ideas? From head terms to long-tail phrases you'll get hundreds of suggestions from our free keyword tool. You'll also see volume, the competition, and even seasonal trends for each keyword. And to make things a bit easier we've added negative keywords and filtering to our tool so you can easily find the right keywords for your business; c) Keyword Difficulty - Want to

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know how expensive a keyword is? Or how hard it's going to be to rank organically? I'll show you how realistic it is to go after competitive keywords and phrases; and d) Competitive Intelligence - Do you want to see who ranks for specific keywords organically? Or who is spending money on pay-per-click? The competitive overview section will list out all of your competitors and even show you their ad copy. This data will also help you determine if it is worth targeting a specific keyword. If all your competition is bidding on specific phrases, it means that you should consider going after the keyword. This will be added to [World Wide Web Reference](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

MetaLib GPO

<https://metalib.gpo.gov/>

MetaLib, a service of the Catalog of U.S. Government Publications (CGP)! MetaLib is a federated search engine that searches multiple U.S. Federal government databases, retrieving reports, articles, and citations while providing direct links to selected resources available online. MetaLib is a library portal providing end users with an easy and personalized interface which can search simultaneously for information in a variety of electronic resources, such as catalogs, reference databases, digital repositories or subject-based Web gateways. These information resources are collectively referred to as databases. Once you have found the information in which you are interested, MetaLib provides you with the tools to save it for future reference in your E-shelf, save it to disk or send it by email. You can search multiple databases in parallel using the Basic, Advanced and Expert modules. You can also search individual databases using the A-Z Resource List module. The A-Z Resource List module enables you to locate specific databases and to create your own sets of databases for searching at your convenience. You can also link to the native interface of these databases and perform a search using the resource's search engine. This will be added to [Academic and Scholar Search Engines and Sources](#) white paper. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

National Archives Records Express

<https://records-express.blogs.archives.gov/>

Records Express is the official blog of the Office of the Chief Records Office (OCRO) at the National Archives. The OCRO provides records management leadership, oversight, guidance, and service to Federal agencies so they will appropriately manage their records for as long as needed to carry out their mission. As a result of that work, NARA can properly preserve and provide access to records that document the national experience and protect legal rights. Since our launch in 2009, Records Express has promoted transparency and openness about Federal records management policies and activities, highlighting NARA's guidance, communicating about upcoming events, and discussing how the Office of the Chief Records Officer is working with our agency partners to

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improve records management in the Federal government. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Project Information Literacy (PIL)

<http://www.projectinfolit.org/>

Project Information Literacy (PIL) is a nonprofit research institute that conducts scholarly studies about students and how they find, evaluate, and select information for use in their courses and for solving information problems in everyday life. Read PIL's FAQ. Read a summary of their research findings. Read their op-ed, "At Sea in a Deluge of Data" from The Chronicle of Higher Education. They have collected data from over 16,000 "early adults" enrolled in more than 88 U.S. public and private colleges and universities, community colleges, and high schools. PIL has produced nine major research reports, detailing aspects of information use by students, and more recently graduates. This will be added to [Student Research Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Wajam - What You and Your Friends Share

<http://www.wajam.com/>

Wajam is a social search engine that gives you access to the knowledge of your friends. You can find results from your friends by searching directly at <http://www.wajam.com> or by installing the social search extension for your browser. When you search, you get a personalized social layer of your friends' comments, likes and recommendations for products, places, videos, links and photos. The browser extension lets you bring social search with you everywhere you browse the web. Search in places like Google, Bing, Yahoo!, Amazon, Yelp, Trip Advisor, YouTube and Ebay, and get recommendations from your friends without having to change your search behavior. Read more about Wajam Everywhere. Features include: a) Make Search Social - Add relevant results from your friends to your regular search results. Invite friends to Wajam and help them find what you share; b) Everywhere and Effortless - Wajam works in places you already like to search, so there's no extra effort needed; and c) Safe and Secure - Wajam might change your browser settings in order to provide you with a secure, safe and individual browsing experience. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [2019 Guide to Searching the Internet](#). This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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FreeMind - Free Mind Mapping Software

http://freemind.sourceforge.net/wiki/index.php/Main_Page

FreeMind is a premier free mind-mapping software written in Java. The recent development has hopefully turned it into high productivity tool. We are proud that the operation and navigation of FreeMind is faster than that of MindManager because of one-click "fold / unfold" and "follow link" operations. So you want to write a completely new metaphysics? Why don't you use FreeMind? You have a tool at hand that remarkably resembles the tray slips of Robert Pirsig, described in his sequel to Zen and the Art of Motorcycle Maintenance called Lila. Do you want to refactor your essays in a similar way you would refactor software? Or do you want to keep personal knowledge base, which is easy to manage? Why don't you try FreeMind? Do you want to prioritize, know where you are, where you've been and where you are heading, as Stephen Covey would advise you? Have you tried FreeMind to keep track of all the things that are needed for that? This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Wridea - Idea Management

<https://wridea.com/>

Idea management service and collection of brainstorming tools. Wridea is a web service first to avoid ideas being forgotten, then to organize and improve those ideas by giving you the opportunity to share your ideas with friends and necessary tools to improve your ideas by yourself and individually. All the features you need to brainstorm new ideas. Wridea is 100% free for a limited time. Join now and start organizing your ideas, without hassle. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Time Management Guide and Resource

<https://www.discoverbusiness.us/resources/time-management/>

There are only 1,440 minutes in a day. Regardless of what fills those minutes, everyone only has a set amount of time in which to get things done. Managing time is not about finding or creating more time during your day. It's about accomplishing the most important tasks in the most efficient amount of time, so you can spend more time doing the things you enjoy. This will be added to [Student Research Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Cmap

<https://cmap.ihmc.us/>

Cmap software is a result of research conducted at the Florida Institute for Human & Machine Cognition (IHMC). It empowers users to construct, navigate, share and criticize knowledge models represented as concept maps. Features include: 1) Cmap Products -



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Cmap products empowers users to construct, navigate, share and criticize knowledge models represented as concept maps. View our products to see how you can utilize our software in your work, studies, or research; 2) Learn About Concept Maps - Concept maps are graphical tools for organizing and representing knowledge in an organized fashion. Learn what concept maps are, how to construct them, and use them; and 3) Cmaps Around the World - Cmap software is used by individuals, schools, and institutions all around the world. See a variety a of uses of concept mapping and Cmap software by users of all ages. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

i2Brain: The Visual Information Manager

<http://i2brain.com/>

i2Brain: The Visual Information Manager. A lot of information can be understood more easily in the form of a diagram than as a text. i2Brain helps you. i2Brain is a new type of software for visualizing information and its structure. Helps: 1) You solve problems more effectively; 2) You increase your creativity; 3) Your meetings and brainstorming sessions are more efficient; 4) You can understanding and explain complex material more quickly; and 5) You simplify and optimize your communication and waste less time. You can use i2Brain to: a) solve problems; b) collect information (brainstorm); c) visualize your "to-do" lists; d) plan a project; e) prepare reports, essays, seminars and articles; f) overcome the limitations of MindMapping®; g) learn multi-faceted information more easily (here's an example using "Romeo and Juliet"); h) sort information visually, thereby helping you and others to understand it better. Here's an innovative way of viewing history; i) communicate complex material; j) show and work on non-linear information in a form befitting its nature; and k) visualize your Skype contacts. i2Brain isn't just another "MindMapping®" program. It is multi-dimensional. It visualizes your thoughts and plans in depth. Literally. What does multi-dimensional mean? Click here to see a short movie which describes this main argument for i2Brain. When you are planning a project, each activity has a priority. "Priority" is therefore a "dimension". An activity has a "status" (working, finished, tested etc.). So "Status" is also a dimension. And so on. You can define up to 15 dimensions. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Twine

<https://twinery.org>

Twine is a program for building interactive, non-linear stories and games. It produces HTML documents that can be published nearly anywhere. While no coding is necessary to use Twine, technical users may choose to make use of CSS and Javascript if they wish. On the Twine wiki, users will find a number of tutorials, screencasts, and even comprehensive reference documentation. The Twine Cookbook provides recipes for accomplishing common tasks. A number of sample works created with Twine are listed on the front page along with links to the Interactive Fiction Database where curious users



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may find more. Twine can be used online in a browser or downloaded as a desktop application. Executables are available for Windows, macOS, and Linux. Twine is free software, distributed under the GNU General Public License, with source code available on GitHub. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [Games Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

MindNode - It Starts With a Thought

<https://mindnode.com/>

MindNode helps you visualize your ideas. Start with a central thought and then brainstorm, organize and share your mind maps. A clean interface and focused feature set enable you to develop your project. Features: a) Capture your thoughts - Whether as words, images, links, tasks, or extended notes, capture your thoughts in any form. Don't worry about order and importance. You're just getting started.

Features like Quick Entry make adding different thoughts easy and intuitive. Smart Layout means you don't have to worry about how your document looks. MindNode will always make sure it is readable and beautiful; b) Explore the connections - Your document reflects your changing understanding as you add more thoughts. Connect, reconnect and detach as often as you like. Folding branches to focus on one thought makes it even easier to explore an idea in-depth. Discover unexpected connections and create something unique; c) Organize your idea - MindNode helps clarify the context and connections from one thought to another. Add individual styles to text and nodes to understand complex information at a glance. Outline view gives a new perspective on the flow of ideas; and d) Share your project - Present or export your document. Beautiful layouts and themes make sharing a MindNode document with your team or family a pleasure. Send tasks to Reminders or OmniFocus. Export your project as OPML, FreeMind or text outline to continue work on your project. Using our free web service myMindNode, you can share your documents with your colleagues, no matter the devices they are on. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

BitlBee

<https://www.bitlbee.org>

BitlBee is an IRC to Instant Messaging gateway that allows users to access a variety of IM services from inside their IRC client. Currently, BitlBee includes built-in support for XMPP/Jabber (including Google Talk and Hipchat), ICQ, and Twitter. Plugins are available to add support for Facebook, Steam, Discord, and Mastodon. Users may opt to run BitlBee on their own computer or may use one of the servers listed in the public servers directory. After connecting their IRC client to an instance of BitlBee, the built-in help system will prompt users with instructions for adding their instant messaging

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accounts. Alternately, the BitlBee User Guide linked from the BitlBee front page also provides detailed setup instructions. After IM accounts are configured, users can chat with their IM contacts just as they would normally chat with another IRC user. BitlBee is included in the package repositories for most Linux distributions and in the ports collections for the major BSDs. macOS users can install it using MacPorts, Homebrew, or Nix. BitlBee is free software, distributed under the GNU General Public License, with source code available on the BitlBee website. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

CitationGenerator

<https://www.citationgenerator.com/>

They know how important and tedious the process of citing can be. They try to make it quick and easy. They are a small, distributed team working on a variety of products that make teachers and students life's easier. They are focusing on writing and productivity tools. They are also working on a few stealth startups that will accompany this tool and help you write faster. They are starting off supporting the APA, MLA, and Chicago citation format. Over the next months, they will add more formats and expand on features. Future features will help to improve grammar, spelling, readability, word choice, and sentence length. This will be added to [Student Research Resources](#) Subject Tracer™. This will be added to [Education and Academic Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

FinHub - Strategic Hub for Innovation and Financial Technology

<https://www.sec.gov/finhub>

SEC's Strategic Hub for Innovation and Financial Technology (FinHub). As financial technologies, methods of capital formation, market structures, and investor interfaces continue to evolve, FinHub will play an important role in facilitating the SEC's active engagement with innovators, developers, and entrepreneurs. In addition to being a resource for information about the SEC's views and actions in the FinTech space, FinHub is also a forum for engaging with SEC staff by clicking the "ENGAGE WITH FINHUB" button. This will be added to [Financial Sources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

MindJet MindManager - Mind Mapping and Information Visualization Tool

<https://www.mindjet.com/>

MindManager helps individuals, teams and enterprises do great work faster and more easily, by simplifying the way they capture, process and share information. Transforming unstructured ideas and data into dynamic visual mind maps, diagrams and more,



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MindManager gives people a clearer understanding of and greater control over their time, work and world. Its flexible, intuitive design supports freeform thinking, fluid organization and holistic understanding; its cross-platform functionality and robust integrations enable a more streamlined, seamless work experience. Every day, 2+ million global users brainstorm ideas more creatively, plan and execute projects more efficiently, and communicate knowledge more effectively with MindManager. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

AgoraPulse - Create Contests, Monitor Results, and Customize Reporting

<https://www.agorapulse.com/>

Harness your social media content and engagement with the easiest and most affordable social media management tool for teams and agencies. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Buffer - Manage Social Media

<https://buffer.com/>

Buffer makes it easy for businesses and marketing teams to schedule posts, analyze performance, and manage all their accounts in one place. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Commun.it - Community Management Made Simple

<https://commun.it/>

Complete follower management on social media, easily track brand awareness, discover new leads, share quality content, schedule posts and download progress reports. Features include: a) Never miss a mention - All conversation in one box; b) Build real relationships - Know your followers; c) Share the knowledge - Share top curated content and tweets; d) Engage your leads - Learn who needs your expertise; e) Post only when people read the most - Send every post at the optimal time; and f) Keep track on your progress - Robust, downloadable and shareable analytics reports. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Co-Schedule Headline Analyzer

<https://coschedule.com/headline-analyzer>

Write Headlines That Drive Traffic, Shares, And Search Results. You're just a click away from the ULTIMATE power words tearsheet. Save this tearsheet to your desktop AND start writing headlines that convert. This will be added to [Social Informatics](#) Subject



Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Email Subject Line Tester

<https://coschedule.com/email-subject-line-tester>

For Creating Click-Worthy Subject Lines! Write Email Subject Lines That Drive More Opens, More Clicks, and More Conversions. Powerful Subject Lines Backed by Data: a) Capitalize on subject line characteristics that CONVERT. Write like a human talking to a human, match your subject line to the content inside your email, AND don't be afraid to break the rules (throw convention + formality to the wind); b) Optimize your character & word count for increased opens! - Create scannable, easy to digest subject lines. The right amount of words—and characters—can make all the difference in your open rates; c) Harness the power of emojis - Use emojis in your subject lines to add a little personality and boost open rates by as much as 57%; and d) Always be testing! - Sure, intuition is nice BUT A/B testing tends to embarrass intuition (in a good way). Thus, whenever possible, create two varying subject lines and TEST those suckers! This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Droplr - Capture + Explain Your Ideas

<https://droplr.com/>

At Droplr we believe that communication can be easy. Whether collaborate remotely or share the same office, you should be able to be as effective as you want to be. Technology should be your friend - not foe, in this game. That's why they created Droplr. Droplr is a productivity tool and a collaboration platform that integrates with the most popular tools used around the world, like: Slack, iMessages, Atlassian Jira and Confluence, Trello, and many more. Its primary goal is to help you share information over a distance, tapping into the potential of the visual elements. The tool is designed to be intuitive and simple. There's no need to download, search for the items, and upload them to the end destination. Everything happens in clicks, time-effectively. Being cloud-based, Droplr makes it possible to share even large files, and have them easily accessible - anytime and anywhere. It operates in Windows and MacOs, Android, and iOS, so that you can switch freely through the devices, always having the access to your work. Droplr - Capture + Explain Your Ideas. No need to write long emails anymore! Show complicated processes using screencasts! Easiest File Transfer with customized short link! Report bugs in a visual way! This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



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Heyo - Sweepstakes, Landing Pages, Contests and More

<https://heyo.com/>

Grow your business with Promotions ... Run contests, sweepstakes, and interactive campaigns anywhere and everywhere across Social Media, Mobile, and the Web. Reward and engage existing customers with Giveaways, Quizzes, and Coupons. Grow your email marketing list, generate more sales leads, acquire new customers, and social followers. This will be added to [eCommerce Resources](#) Subject Tracer™. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Likealyzer - Increase Your Social Media Performance

<https://likealyzer.com/>

Using AI, Likealyzer helps brands succeed on social media by providing actionable insights, not just metrics. They grade your Facebook's performance by looking at over 70 signals. They help you understand where you need to improve by comparing you to millions of pages. They give you recommendations so that you know what to do next. Quickly export powerful metrics and present to stakeholders trend analyses, regressions, and correlations for tried and true statistical understanding. This will be added to [eCommerce Resources](#) Subject Tracer™. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Mention - Real-Time Media Monitoring

<https://mention.com/en/>

Get live updates about your brand from the web and social media. Easily monitor over 1 billion sources daily including social media, forums, blogs, and the rest of the web. Boolean alerts help you zero in on your brand, competitors, and customers for precise market research. Attract customers, build brand awareness, and improve your reputation online. Connect your social accounts to react directly within Mention or add your Buffer account to schedule posts for later. Get in-depth brand intelligence tailored to your business. Automated reports make it simple to share results with clients, colleagues, and management, so you can focus on more important work. Whether you want to see raw volume of social conversations, or specific mentions of your brand name and keywords, their streaming API does it. Process all this information and find the data that's relevant to you. Add your social media and web listening results to reports, your CRM, or your live site. This will be added to [eCommerce Resources](#) Subject Tracer™. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Current Awareness Tools 2019](#).



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Pocket - Put Knowledge in Your Pocket

<https://getpocket.com/>

Pocket was founded in 2007 by Nate Weiner to help people save interesting articles, videos and more from the web for later enjoyment. Once saved to Pocket, the list of content is visible on any device — phone, tablet or computer. It can be viewed while waiting in line, on the couch, during commutes or travel — even offline. The world's leading save-for-later service currently has more than 30 million registered users and is integrated into more than 1500 apps including Flipboard, Twitter and Zite. It is available for major devices and platforms including iPad, iPhone, Android, Mac, Kindle Fire, Kobo, Google Chrome, Safari, Firefox, Opera and Windows. Save articles, videos and stories from any publication, page or app. Curate your own space filled with everything you can't wait to learn. Immerse yourself in great content anywhere – even offline. Read or listen without distraction, on any device. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Current Awareness Tools 2019](#).

Post Planner - Smarter Social Media Management

<https://www.postplanner.com/>

Get more engagement, clicks, and sales from Facebook and Twitter! Find, plan and post great content. Simple: a) FIND - Never run out of ideas. Our recommendation engine analyzes content across the web to identify top-performing content that will resonate with your audience; b) PLAN - Bring clarity to your chaos. Eliminate guesswork with a custom plan. Optimize your content by sharing it at the best time possible for each of your social networks; and c) POST - Streamline your publishing. Schedule content across multiple social channels with bulk uploading or quickly queue up high-performance content to recycle. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Quill Engage - Simplify Google Analytics Reporting

<https://www.quillengage.com/>

Quill Engage is a natural language reporting application that provides an easy way to extract valuable insights from your Google Analytics data. Quill Engage is powered by Narrative Science's patented advanced natural language generation engine, Quill. Quill Engage analyzes Google Analytics data to write about website traffic. Specific Google Analytics data Quill Engage analyzes includes referral sources, paid search through integration with Google AdWords, page performance, and audience segments, including geographies and mobile. Paid versions of Quill Engage use additional data, including goals and conversions, events, and ecommerce data, for more in-depth analysis and reporting. After sign-up and initial configuration, Quill Engage will deliver your reports on a weekly or monthly basis directly to your email inbox. Alternatively, you can log in



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to the application at any time to access your most recent or archived reports. This will be added to [eCommerce Resources](#) Subject Tracer™. This will be added to [Social Informatics](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Awarenesswatch™ Paper Review

Bibliotherapy in the Age of Digitization by Moniek M. Kuijpers

<http://firstmonday.org/ojs/index.php/fm/article/view/9429/7597>

Abstract:

This contribution reviews both theoretical and empirical research on the effects of absorbed reading and bibliotherapy on subjective psychological well-being, paying special attention to the possible influence of digitization on this relationship. Reading on tablets, for example, could prove counter-productive for obtaining a state of absorption and thus modern-day tablet-readers may miss out on potential health benefits that absorbed reading of literature might provide. On the other hand, the connection that tablets provide to online reader communities and thus online bibliotherapeutic resources, might prove even more beneficial than obtaining a state of absorption during reading.

Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet's first Subject Tracer™ Information Blogs:

Virtual Private Library™

<http://www.VirtualPrivateLibrary.com/>

Accessibility Resources

<http://www.AccessibilityResources.info/>

Agriculture Resources

<http://www.AgricultureResources.info/>

AnswerSpot

<http://www.AnswerSpot.us/>



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Artificial Intelligence Resources

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Auction Resources

<http://www.AuctionResources.info/>

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<http://www.BiologicalInformatics.info/>

Biotechnology Resources

<http://www.BiotechnologyResources.info/>

Bot Research

<http://www.BotResearch.info/>

Business Intelligence Resources

<http://www.BIResources.info/>

ChatterBots

<http://www.ChatterBots.info/>

Data Mining Resources

<http://www.DataMiningResources.info/>

Deep Web Research

<http://www.DeepWebResearch.info/>

Directory Resources

<http://www.DirectoryResources.info/>

eCommerce Resources

<http://eCommerceResources.info/>

Education and Academic Resources

<http://www.EducationResources.info/>

Elder Resources

<http://www.ElderResources.info/>

Employment Resources

<http://www.EmploymentResources.info/>



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<http://www.EntrepreneurialResources.info/>

Fact Checkers Directory
<http://www.FactCherckers.us/>

Financial Sources
<http://www.FinancialSources.info/>

Finding People
<http://www.FindingPeople.info/>

Games Resources
<http://www.GamesResources.info/>

Genealogy Resources
<http://www.GenealogyResources.info/>

Grant Resources
<http://www.GrantResources.info/>

Green Files
<http://www.GreenFiles.info/>

Grid, Distributed and Cloud Computing Resources
<http://www.GridResources.info/>

Healthcare Resources
<http://www.HealthcareResources.info/>

Information Futures Markets
<http://www.InformationFuturesMarkets.com/>

Information Quality Resources
<http://www.InformationQualityResources.info/>

International Trade Resources
<http://www.InternationalTradeResources.info/>

Internet Alerts
<http://www.InternetAlerts.info/>

Internet Demographics
<http://www.InternetDemographics.info/>



Internet Experts

<http://www.InternetExperts.info/>

Internet Hoaxes

<http://www.InternetHoaxes.info/>

Intrapreneurial Resources

<http://www.IntrapreneurialResources.info/>

Journalism Resources

<http://www.JournalismResources.info/>

Knowledge Discovery

<http://www.KnowledgeDiscovery.info/>

Military Resources

<http://www.MilitaryResources.info/>

New Economy Analytics, Resources and Alerts

<http://www.NewEconomyAnalytics.com/>

Outsourcing/Offshoring Information and Resources

<http://www.OutsourcingOffshore.us/>

Privacy Resources

<http://www.PrivacyResources.info/>

Reference Resources

<http://www.ReferenceResources.info/>

Research Resources

<http://www.ResearchResources.info/>

RestStress™

<http://www.RestStress.com/>

Script Resources

<http://www.ScriptResources.info/>

ShoppingBots

<http://www.ShoppingBots.info/>

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<http://www.SocialInformatics.info/>



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Statistics Resources and Big Data
<http://www.StatisticsResources.info/>

Student Research
<http://www.StudentResearch.info/>

Theology Resources
<http://www.TheologyResources.info/>

Tutorial Resources
<http://www.TutorialResources.info/>

World Wide Web Reference
<http://www.WWWReference.info/>

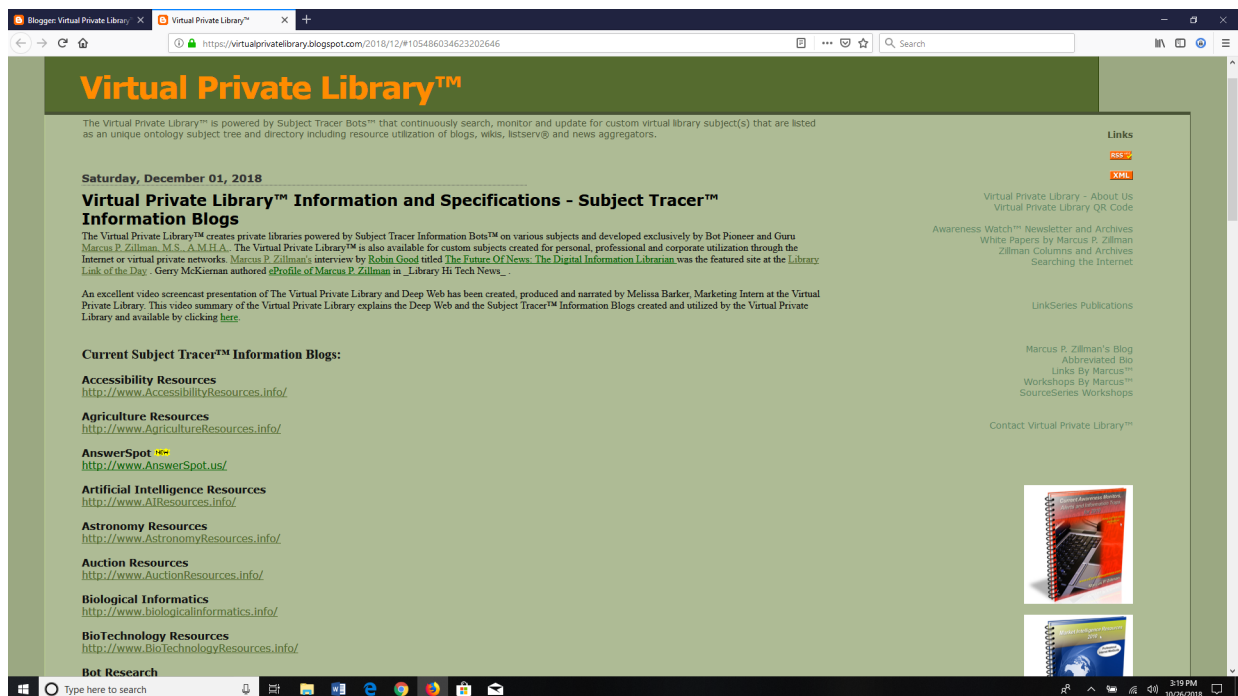


Figure 1: Virtual Private Library™

Author Information: Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and



delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies.

Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog (20,000+ Postings)

<http://www.zillman.us/>

Marcus P. Zillman Abbreviated Bio

<http://www.zillman.info/>

White Papers by Marcus P. Zillman

<http://www.WhitePapers.us/>

Internet MiniGuides™

<http://www.InternetMiniguide.com/>

Awareness Watch™ Newsletter

<http://www.AwarenessWatch.com/>

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

<http://www.LinkSeries.com/>

Links By Marcus™

<http://www.LinksByMarcus.com/>

Workshops By Marcus™

<http://www.WorkshopsByMarcus.com/>

SourceSeries Internet Research Workshops

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Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2018 Directory of Directories

<http://www.2018DirectoryOfDirectories.com/>

Academic and Scholar Search Engines and Sources

<http://www.ScholarSearchEngines.com/>

Bots, Blogs and News Aggregators 2019

<http://www.BotsBlogs.com/>

Business Intelligence Online Resources 2018

<http://www.BIOnlineResources.info/>

Cloud Computing Resources Primer 2018

<http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/>

Current Awareness Discovery Tools on the Internet 2019

<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

Deep Web Research and Discovery Resources 2018 Online White Paper

<http://DeepWeb.us/>

eMarketing MiniGuide 2018

<http://www.eMarketingMiniGuide.com/>

eReference Library Link Toolkit 2018

<http://www.eReferenceLibrary.com/>

Finding Experts By Using the Internet 2019

<http://www.FindingExperts.info/>

Finding People Resources and Sites 2019

<http://www.FindingPeople.info/>

Healthcare Bots and Subject Directories 2018

<http://www.HealthcareBots.info/>

Knowledge Discovery Resources 2019

<http://www.KDResources.info/>



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New Economy Resources 2018

<http://www.NewEconomyResources.com/>

Online Research Browsers 2018

<http://www.zillman.us/white-papers/online-research-browsers/>

Online Research Tools

<http://www.OnlineResearchTools.info/>

Online Social Networking 2018

<http://www.OnlineSocialNetworking.info/>

Searching the Internet 2018 – The Primer - 2019 Guide to Searching the Internet

<http://www.SearchingTheInternet.info/>

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2018

<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

Web Data Extractors 2019

<http://www.WebDataExtractors.com/>

Web Guide for the New Economy 2018

<http://www.WebGuideNewEconomy.com/>

White Papers By Marcus P. Zillman, M.S., A.M.H.A.

<http://www.WhitePapers.us/>

Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.InternetTutor.info/>

Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog .

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.InternetSpeaker.net>

Visit this site to learn about Marcus P. Zillman’s speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.



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Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.

<http://InternetConsultant.BlogSpot.com/>

Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

Current Awareness Monitors, Alerts and Information Traps

<http://www.ecurrentAwareness.com/>

<http://www.CurrentAwarenessTools.com>

Marcus P. Zillman's latest reports Current Awareness Monitors, Alerts and Information Traps and Current Awareness Tools 2018 are now available. One for purchase and one freely available online and immediate download. These reports are comprehensive listings of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

Market Intelligence Resources

<http://www.MarketIntelligenceResources.com/>

Marcus P. Zillman's just released professional Internet MiniGuide is titled Market Intelligence Resources and is available for purchase online and immediate download. This 193 page digital miniguide represents a comprehensive listing of the latest resources, sources and sites to discover the latest Market Intelligence sources available on the Internet with many of them freely available! Designed specifically for today's entrepreneur, professional and/or investor.

Entrepreneurial Links 101

<http://www.EntrepreneurialLinks.com/>

Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!

Internet Privacy and Security Resources

<http://www.InternetPrivacySecurity.net/>

Marcus P. Zillman's latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.



Research Resources Online Guide

<http://www.ResearchResourcesOnline.net/>

Marcus P. Zillman's latest [LinkSeries Publication](#) is a 340 page digital guide of a selected comprehensive alphabetical listing of the latest and greatest resources and sites covering all areas of research that is currently available over the Internet. The guide covers online research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, and f) Subject Tracer™ Information Blogs.

The Survivor's Manual for The New Economy.

<http://www.NewEconomyManual.com/>

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.op of Form



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