Welcome to the V17N3 March 2019 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 my 2019 Guide to Current Awareness Tools and is a comprehensive listing of online current awareness tools and sources including search engines, directories, subject guides, tracers and index resources and sites on the Internet available for the 2019 year. The below list of active current awareness tools and sources is taken partially from my white paper titled Current Awareness Tools 2019 and is constantly updated with my Subject Tracer™ bots at the following URL:


These resources and sources will help you to discover the many pathways available through the Internet to find the latest current awareness 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 current awareness 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 current awareness sources for staying current in your profession, occupation, and special interest as well as navigating the Internet!!
Current awareness has become a very timely topic with professionals and business executive/entrepreneurs especially those suffering from information overload in today's dynamic Internet-based information economy. It is no longer a “nice to have” resource but rather a “must have” Internet tool that is part of our daily business routine! Obtaining these current awareness tools and constantly discovering the current happenings and information on the Internet is the driving force behind the creation of this white paper. This white paper will list the best and most competent current awareness resources available for the professional and business executive/entrepreneur in the following detailed subject classifications:

Articles and Trade Journals
Listserv®
News Groups, Message Boards and Forums
eMail Alerts
Web Site and Page Monitoring Bots
WebLogs
RSS Feeds
News Aggregators
Subject Tracer™ Information Blogs
Search Engines, Answer Engines and Subject Trees

Articles and Trade Journals

Articles, Papers and Trade Journals offer a plethora of current awareness resources from eMail alerts to table of contents alerts and emails. These articles, papers and journals arrive in a timely manner, are professionally designed and written, and as a rule are easily accessible both online and offline. The following resources will aid you in finding the appropriate articles and journals for your current awareness profession and/or business activities:

Articles, Abstracts, Documents, Papers, Reports and Literature Resources
Listservs®

Listserv®, Majordomo and related mailing list software have been used to create specific subject based mailing lists for years on the Internet. I have always considered mailing lists to offer one of the very best methods to stay current on your profession or business career. I personally still belong to hundreds of selected and niched mailing lists that keep me constantly current in key areas. The following is a resource of information on Listservs® (mailing lists) as well as search entities that allow you to find and subscribe freely to the list closely related to your profession and/or business career. Also mailing lists only require an active email account and I would recommend that you create a separate eMail account to subscribe your new lists to. Also you may set up list mail file folders in your email inbox to keep your mailing list subscription emails separated and easy to manage and search. Using Listservs® to keep up to date is extremely important:

CataList – The Official Catalog of Listserv® Lists

Educational Listservs®
http://www.cln.org/lists/home.html
Google Groups
http://groups.google.com/
JISCmail
http://www.jiscmail.ac.uk/
Journalism Listservs®  
http://reporter.asu.edu/listserv.htm

Listserv - Wikipedia  

List Tool  
http://www.listTool.com/

Tile.net/Lists  
http://tile.net/lists/

Yahoo! Groups  
http://groups.yahoo.com/

**News Groups, Message Boards and Forums**

News Groups, Message Boards and Forums are resources that the professional and business executive/entrepreneur can both identify and monitor to maintain currency in their profession and/or business activities. These sources allow you to maintain your current awareness:

Board Reader (Message Boards)  
http://www.boardreader.com/

Delphi Forum (Forums)  
http://www.delphiforums.com/

Newsgroups Quick Start Guide (Usenet News Groups)  
http://www.slyck.com/ng.php

Stock Message Boards (Message Boards)  
http://www.investorvillage.com/findboard.asp

Usenet Info Center Launch Pad (Usenet News Groups)  
http://www.ibiblio.org/usetnet-i/home.html

Usenet NewsGroups (Usenet News Groups)  
http://en.wikipedia.org/wiki/Newsgroup

Yuku – Social Networks, Forums, Chats (Forums)  
http://www.yuku.com/
eMail Alerts

eMail Alerts allow current awareness monitoring via eMail with notification instantly. These alerts allow you to quickly identify and access new current awareness information as well as breaking news in your identified profession or business niche. eMail alerts can be forwarded to your cell telephones as well as to other PDAs. Custom alerts services are also available to alert you on many different areas and requirements based upon your profession and needs.

Alerti - Create Alerts
https://en.alerti.com/

Alerts and Current Awareness Services
http://virtualchase.justia.com/wiki/general-information-alert-services

BizJournals
http://www.bizjournals.com/

Current Awareness Monitors, Alerts and Information Traps
http://www.ecurrentawareness.com/

Google eMail Alerts
http://www.google.com/alerts/

Government Alerts and Current Awareness Services
http://virtualchase.justia.com/wiki/government-search-engines

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

Talkwalker Alerts
https://www.talkwalker.com/alerts?sf=

Web Site and Pages URL Monitoring Bots and Resources

Web site and web page URL monitoring allows you to monitor key websites and related pages of information for current awareness updates and changes that will affect your profession or business. These bots monitor the web pages or sites that you desire on a 24/7 basis and send you an email upon the sites and related pages update or change. These services are available as web applications as well as software that you must install. Many of the services are available at little or no cost. I have used these services for years
and without a question they are extremely beneficial for key current awareness monitoring and updates on the Internet.

Cadmus - Keeping You Updated  
http://thecadmus.com/

ChangeDetect (Web Application)  
http://www.changedetect.com/

ChangeDetection.com (Web Application)  
http://www.ChangeDetection.com/

Copernic Tracker (Software)  

Mention - Real-Time Media Monitoring  
https://mention.com/en/

Social Buzz Bot 2019  
http://www.SocialBuzzBot.com/

Social Media Monitoring Tools  
http://www.jivesoftware.com/social-business/solutions/

TrackEngine (Web Application)  
http://www.trackengine.com/

Trackur - Online Reputation Monitoring & Social Media Monitoring Tools  
http://www.trackur.com/  
WatchThatPage (Web Application)  
http://www.watchthatpage.com/

Website Watcher (Software)  
http://www.aignes.com/

**WEBLOGS (BLOGS)**

Weblogs or “blogs” have become the fastest growing area of the Internet in the last year! These personal blogs now count in the millions with more bloggers being created daily! Tracking these blogs is well worth the time and efforts as they offer a tremendous amount of current awareness information and data. Corporate blogs through their intranets as well as throughout the Internet are now coming into the mainstream. My blog was created five
years ago and just awarded as one of the top 10 informational blogs available for information search and research on the Internet. Blogs and current awareness are subjects that will continue to grow exponentially into the future!! Some very competent resources for current awareness and blogs are:

**Blogger**
http://www.blogger.com

**BlogLines**
http://www.bloglines.com/

**Blogs**
http://www.Blogs.com/

**Blog – Wikipedia**

**Bots, Blogs and News Aggregators 2019**
http://www.BotsBlogs.com/

**Google Blog Search**
http://www.google.com/blogsearch

**Marcus P. Zillman’s Blog (20,000+ Postings)**
http://www.zillman.us/

**WebLogs. Journals and RSS - FaganFinder**
http://www.faganfinder.com/blogs/

### NEWS AGGREGATORS AND RSS FEEDS

News aggregators and the related RSS News Feeds are the backbone of WebLogs (Blogs) ability to disseminate the ongoing current awareness information to the Internet global community. Aggregating the key blogs that you are monitoring for current awareness and updates can now be created either by installed browser software called News Aggregators or you may use some of the brand new web applications that require no software installation on your computer. The latest News Aggregators read the RSS news feeds and can be updated by a click of a button or you may preprogram the news aggregator to update in certain time frames. The latest News Aggregators feature “auto-discovery” that allows the news aggregator to automatically discover the related RSS feed associated with the blog that you subscribe to. My news aggregator currently monitors and updates
over 200 RSS newsfeeds every 15 minutes that allows me to keep current with all blogs that I monitor for updates and current happenings.

AmphetaDesk News Aggregator (Software)  
http://www.disobey.com/amphetadesk/

Bots, Blogs and News Aggregators 2019  
http://www.BotsBlogs.com/

Rain Taxi  
http://www.raintaxi.com

RSS Tutorial for Content Publishers and Webmasters  
http://www.mnot.net/rss/tutorial/

RSSTop55 Best Blog Directory and RSS Submission Sites  

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/

Artificial Intelligence Resources  
http://www.AIResources.info/
Astronomy Resources  
http://www.AstronomyResources.info/

Auction Resources  
http://www.AuctionResources.info/

Biological Informatics  
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/

Entrepreneurial Resources  
http://www-EntrepreneurialResources.info/
Fact Checkers Directory
http://www.FactCheckers.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/

Intraprenurial Resources
http://www.IntraprenurialResources.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/

Social Informatics
http://www.SocialInformatics.info/

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/

**Search Engines, Answer Engines and Subject Trees:**

Search engines, answer engines and subject trees on the Internet allow for the partial discovery of current and archival current awareness information. There are literally tens of thousands of search engines and subject trees but a handful represent the best and most competent for the professional/executive:

Academic and Scholar Search Engines and Sources (Search Engines)
http://www.ScholarSearchEngines.com/

Academic Info (Subject Tree)
http://www.academicinfo.net/

Beaucoup! – 2000+ Search Engines, Indices and Directories (Search Engine)
http://www.beaucoup.com/

Competitive Intelligence – A Selective Resource Guide – Updated December 2018

Current Awareness – Cornell University Library
https://www.library.cornell.edu/research/current-awareness

Current Awareness Tools – McLibrary – Duke University
https://guides.mclibrary.duke.edu/currentawareness

Current Awareness Tools – USC SOM Library
https://uscmed.sc.libguides.com/currentawareness
Directory Resources (Subject Tree)
http://www.DirectoryResources.info/

DogPile Search Engine (Search Engine)
http://www.dogpile.com/

Google (Search Engine)
http://www.google.com

Ixquick (Search Engine)
http://www.ixquick.com/

MegaSources (Subject Tree)
http://pages.pathcom.com/~dtudor/megasources.htm

Pocket - Put Knowledge in Your Pocket
https://getpocket.com/

Recommended Search Engines (Search Engines)
http://lib.berkeley.edu/TeachingLib/Guides/Internet/SearchEngines.html

Scholarly Articles for Current Awareness Tools
https://scholar.google.com/scholar?q=current+awareness+tools&hl=en&as_sdt=0&as_vis=1&oi=scholart

Subject Guides by Heriot Watt University (Subject Tree)
https://www.hw.ac.uk/services/is/guides/subject.htm

Subject Tracers™ from the Virtual Private Library
http://www.SubjectTracers.com/

SurfWax (Search Engine)
http://www.surfwax.com/

Teoma (Search Engine)
http://www.teoma.com/

Yahoo (Subject Tree)
http://www.yahoo.com/

I have attempted to show you what excellent current awareness resources the Internet has for the professional/executive and how these tools can make your entire work process far more productive and efficient. But it takes more than just reading about these tools you
must have a true desire to make these Internet tools a part of your daily work life. You must decide to make the Internet a professional tool and use it to accomplish all your goals! These resources that I have listed above will start you on your professional path to continued discovery of current awareness tools.

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.

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
http://www.SourceSeries.com/

Watch Marcus™
http://www.WatchMarcus.com/

listen to marcus™
http://www.ListenToMarcus.com

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

2018 Directory of Directories

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

Deep Web Research and Discovery Resources 2019 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2019
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 2019
http://www.HealthcareBots.info/

Knowledge Discovery Resources 2019
http://www.KDResources.info/

New Economy Resources 2019
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 2019

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](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.

**Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.**  
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**  
Marcus P. Zillman’s latest report Current Awareness Monitors, Alerts and Information Traps for is available for purchase online and for immediate download. This report is a comprehensive listing 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**  
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**  
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**
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**


Marcus P. Zillman’s latest LinkSeries Publication is a 235 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 TracerTM Information Blogs.

**The Survivor’s Manual for The New Economy**


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.

**Awareness Watch™ Spotters**

**SimilarWeb - Analyse Any Website or App**

[https://www.similarweb.com/](https://www.similarweb.com/)

Meet the SimilarWeb Platform: a) Benchmark against your competitors and industry; b) Reveal your competition's analytics & online strategy; c) Discover new opportunities - partners, leads or affiliates; d) Identify emerging trends and new players; and e) Understand consumer intent and journey. Gain insight into any website's statistics & strategy with the click of a button, all in one tab, as you're browsing with the SimilarWeb browser add-on. This will be added to World Wide Web Reference 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™.
AYTM - Create Your Survey
https://aytm.com/
Some of the best things about AYTM include their targeting capabilities, delivery deadline guarantee, and access to over 40,000,000 respondents around the world. They offer real-time quotes to get you started the instant you're ready. Designing your survey is easy and fun. They carefully crafted each of our question types and features to address the most common research objectives, with all the heavy lifting done by them. Their device-aware, smart survey widget automatically adjusts your survey layout to provide the best possible survey-taking experience on smartphones, tablets, and computers alike. Enjoy the instant gratification of survey results streaming in a few minutes after launch. Each survey you run automatically comes with full demographics, a comprehensive interactive stats page, and optional crosstab analysis — allowing you to slice and dice the data, getting maximum value out of your study. Dive deeper into the minds of your target audience. Discover their affinities and personality traits in the context of your questions. Augment your existing survey questions with about 3,000 psychographics to create customer personas faster than ever. This will be added to World Wide Web Reference 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™.

GutCheck - Agile Market Research - Actionable Answers and Achievable Change
https://www.gutcheckit.com/
Tailored, Unique Audience Insights That Give You the Competitive Edge. They give you a 360° view of your most valuable audience—at each stage of development—while accelerating your time to market. Gain the confidence that you're building the right things for the right people and can reach them with relevance: a) Agility - To stay ahead of your evolving audience, shorter entry cycles, and competitors; b) Audience Specificity - Fueled by a connected data approach that combines survey and behavioral data; and c) Differentiated Insights - On your current and potential audiences, helping you move beyond off-the-shelf segments. Using a connected data approach and mixed methodologies, their people make the difference when it comes to deeply profiling your most valuable audience and extracting better insights. Let their team of research experts and complete solutions provide you with a technology-enabled, focused report that gives you depth and dimension in audience understanding. This will be added to World Wide Web Reference 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™.
Statista - All the Facts You Need In One Place
https://www.statista.com/
Over 1 million statistics within 600 industries and 50+ countries. Within just a few years, Statista managed to establish itself as a leading provider of market and consumer data. Over 500 visionaries, experts and doers continuously reinvent Statista, thereby constantly developing successful new products and business models. Services include: a) Our platforms - Statista.com consolidates statistical data on over 80,000 topics from more than 22,500 sources and makes it available on four platforms: German, English, French and Spanish; b) Research & Analysis - Statista Research & Analysis is a combined provider of market research as well as research and analysis services. We help corporate customers collect and prepare market, customer and competitive information; c) Content & Information Design - Statista Content & Design sees itself as a research and information design agency. We create customized infographics, videos, presentations and publications in the corporate design of our customers; d) ecommerceDB.com - ecommerceDB.com is the starting point for market analyses, benchmarking and lead generation in the eCommerce sector. The database provides insights into detailed revenue information of 6,500 online shops worldwide; e) Global Consumer Survey - The Global Consumer Survey allows analyses of consumer behavior and media usage in the on- and offline world based on the data of 120,000 consumers from 28 countries, who were surveyed about 50 topics and 1,400 brands; and f) Digital & Consumer Market Outlook - Our Market Outlooks provide market sizes, forecasts and other indicators for the digital economy, key consumer markets and relevant automotive markets for up to 50 countries. This will be added to World Wide Web Reference 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™.

Compass.co - Make Your Metrics Make Sense
https://www.compass.co/
Compass makes sense of your e-commerce data so you can focus on building your business. Their straightforward, custom benchmarks put your data into valuable context so you can focus on what matters most. Compass combines all your data streams. Provides key metrics and benchmarks and gives you insights — all in one dashboard! Compass is a network of thousands of businesses that are joining forces to share best practices, make recommendations, and take on the biggest challenges. This will be added to World Wide Web Reference 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™.

SUMO - Convert Visitors To Customers With Awesome Shortcuts
https://page.sumo.com/gosumo
Running a business? Sumo works seamlessly to help you convert more of your visitors to email subscribers and customers. More customers = more revenue. Obtain mire
customers using: 1) Reduce Cart Abandonment - If a customer is about to abandon their cart, automatically offer an incentive to complete the purchase; 2) Convert Window Shoppers - Automatically send a targeted follow-up email when subscribers view your products without buying; 3) Increase Order Value - Engage customers with strategically-placed incentives and get them excited to add more to their cart; and Grow Email List - 98% of website visitors won't buy on the first visit. Get their email before they leave and follow up with them later so they can make a purchase. This will be added to World Wide Web Reference 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™.

Branch - Where Your Mobile Growth Begins
https://branch.io/
Enterprise-grade links that help you acquire, engage, and measure across all devices, channels, and platforms. Branch handles all the complexity so that your links work across every platform and channel. Their strong link matching guarantees that your users are delivered exactly where you want them. From deep linked re-engagement ads to web and email campaigns that seamlessly continue the journey even after users pause to install your app, Branch helps you drive better performance in all of your channels. Customer journeys are fragmented across channels and platforms, but legacy attribution systems are unable to connect the dots because they see each fragment as a different, anonymous user. Branch's People-Based Attribution uses deterministic web cookie + device ID pairs to match touchpoints from every channel with conversions on any platform. They empower you to eliminate the ambiguity of fingerprint-based attribution and unify fragmented data to show you each customer's full journey. The result: more data to optimize your campaigns and maximize ROI. Branch works together with all the tools in your existing marketing set. They integrate with leading email providers, social platforms, data analytics tools, and ad networks. From media execution and marketing automation to data warehouses and analytics, a one-time sync of the Branch platform across your channels will make sure all of your data is sent where you want it to go. This will be added to World Wide Web Reference 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™.

GrowthHackers
https://growthhackers.com/
Their mission is to help companies ignite sustainable growth using the cross-functional, value-based approach proven effective by today’s fastest growing companies such as Facebook, Airbnb, Amazon and Netflix. Sustainable growth is a function of understanding, measuring, and improving the value your company delivers to customers. Once you understand customer value, you can begin to identify the biggest opportunities across the full customer journey to focus your team. Customer value extends across
departments in an organization, teams should work cross-functionally to make the biggest impact. This will be added to World Wide Web Reference 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™.

Exit Monitor - Turn Your Abandoning Visitors Into Customers
https://exitmonitor.com/
Exit Monitor transforms your exiting website traffic into paying customers. Features include: a) Track Visitor Behavior - When a visitor lands on your website, Exit Monitor begins tracking that visitor's mouse movement and velocity to determine their exact position on your page; b) Detect Exiting Visitors - Our custom built visitor behavior learning algorithm and exit intent technology allows Exit Monitor to determine the exact millisecond a visitor leaves your page; c) Display Targeted Offer - Once an exit intent has been triggered, Exit Monitor displays a targeted offer to your visitor. This gives you the ability to either capture a new lead or gain a sale; and d) Increase Your Revenue - Exit Monitor gives you the ability to drive more revenue to your business by leveraging customer data to capture more leads and turn visitors into paying customers. This will be added to World Wide Web Reference 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™.

Really Good Emails
https://reallygoodemails.com/
Really Good Emails (RGE for short) aims to be the best showcase of email design and resources on the web. They are providing transparency into product email and customer email cycles that are not available anywhere else. This 3,800+ handpicked collection is powered by community submissions and their own obsessive drive to find the best email examples out there. This will be added to World Wide Web Reference 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™.

Blossom - Project Tracking for Distributed Companies
https://www.blossom.co/
8 workflow best practices to build first class software products. Blossom gives each member of the team clear overview about who’s doing what & why and at the same time it helps you to focus on what matters most. With Blossom you can efficiently manage your whole development process in one place, built with simplicity in mind. Blossom is based on the principles of Kanban, a way of working that emphasizes iterative delivery cycles and continuously improves the workflow of your team or organization. Blossom
keeps project management as lightweight & easy as possible and goes out of your way so you can focus on the fun part. Building great products. Stand-Up meetings are one of the most important activities in the day to day of many Software Teams. Blossom was built from scratch to make Stand-Up Meetings as clear & effective as possible. Whether you are in the same room or on a Google Hangout. Blossom’s visualization of what’s going on is ideal to get everyone on the same page. The great thing about Continuous Delivery is that it frees you up from arbitrary time boxes like Scrum sprints. This is why they have integrated performance analytics reports right into Blossom so you don’t have to waste your time doing estimates and sprint plannings anymore. A lot of work on software projects happens away from your project management tool. GitHub is one of those places where a lot of value actually gets created. This is why they have built a very tight integration with GitHub so you don’t have to manually update your coding progress all the time. Blossom understands feature branches and pull requests and keeps everyone in the loop. Since many Software Teams are using Team Chat software like Slack, HipChat and Flowdock they worked hard to build the best integration the market has ever seen. Blossom posts the most important messages to your Group Chat to keep you up to date. Not more, not less. One of the main challenges with managing software projects is staying on top of what’s currently going on, who’s working on what and whether development resources are spent on the right things. Blossom’s email digests are built specifically to answer these questions without bothering anyone in your team. More and more Software Teams are working in a distributed way. Blossom is built with you in mind whether your team is distributed over different cities, continents or just different floors. This will be added to World Wide Web Reference 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™.

**Sprintly - Collaborate on Software Projects**
https://sprint.ly/

Some of the many features include: 1) Real-time activity feeds - Watch what your team is working on in real time with our advanced activity feeds with productivity analytics; 2) Auto-Expand Embeds - Copy and paste a video URL, Gist, and many others to attach them to a comment or description. Sprintly will auto-expand/embed them for you!; 3) Read/Write API - Want to integrate with other services or display metrics on the big board? Our full featured read/write API will let you do it all; 4) Real-time notifications - Updates are sent out via email and small popup notifications on the website in real time as your team works; 5) Send updates to your chat room - Seamlessly send updates from Sprintly to Campfire, HipChat, Slack and many others!; and 6) Deep GitHub integration - Sprintly speaks fluent GitHub, which encompasses our best-in-class Pull Request integration. This will be added to World Wide Web Reference 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™.
Subject Tracer™. This will be added to the tools section of Research Resources Subject Tracer™.

**Bynder - Digital Asset Management Platform**
https://www.bynder.com/en/
Bynder’s Digital Asset Management (DAM) platform gives your brand the organization it needs, and your organization the brand it deserves. Bynder offers a range of tailored solutions to fit the needs of any and every organization. Whether you need a helping hand in storing all that company content, or some super-sized functionality to manage your whole content lifecycle, they have got you covered. Digital asset management (DAM) offers an effective solution for enterprises to store, organize, find, retrieve and share digital content. Quick to deploy and easy-to-use, a centralized digital library provides peers, employees, clients, contractors and any other key stakeholders controlled access to digital assets—including images, photos, creative files, video, audio, presentations, documents and more. The term digital asset management actually covers a large array of software solutions; from an individual’s digital file library or a photographer’s photo database to solutions that resemble enterprise content management. The best digital asset management software has core capabilities surrounding cloud storage, how assets are retrieved, how assets are shared and features for brand management. DAM enables creative workflow automation, archival and backups, usage tracking, e-commerce and more. This will be added to World Wide Web Reference 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™.

**Teamgantt - Intuitive and Beautiful Project Planning**
https://www.teamgantt.com/
TeamGantt is the refreshing solution that brings project scheduling software online. You can now plan and manage your projects with this super easy to use gantt software. Inviting your co-workers, teammates, and friends to view and edit your gantt chart is simple and fun! Create your gantt chart online by simply dragging and dropping your tasks to plan your project. This is the project planning and gantt chart software that actually makes life easier. Just jump in and start adding tasks. No Training Required. Be up and running in minutes. TeamGantt’s project management software lets you keep all of your tasks, documents, conversations, and team availability in one place - it’s straightforward and simple. Centralize your projects information so that you and your team know right where to go for everything. Documents and conversations are connected directly to the associated task or milestone. One of the benefits of using gantt charts with built in resource management software, is that you can see what each person is working on any given day. See who’s busy and who’s not with a quick glance at your project plan gantt chart. Be more realistic about project timelines and easily understand if you need more staffing. Improve company morale by not stressing people out with too much work. With one click, a member from your team can log into our online gantt software from any
location and see exactly what they should be working on and then update their progress. Whether you're a consultant, at an agency, or part of an in-house team, if you track hours on projects and manage various tasks, their time tracking and project management software will save you time and a whole lot of hassle. This will be added to World Wide Web Reference 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™.

CodeBase - Code Hosing Platform
https://www.codebasehq.com/
Codebase was designed for teamwork. Effortlessly manage your projects whilst tracking changes to your code. Features include: 1) Code Hosting - a) Full repository browsing functionality; b) Deploy repositories straight to your servers with a free Deploy account; b) View commits & check out comparisons; d) Application error & exception tracking; e) Tracking of TODO code tasks; 2) Project Management Tools - a) Full time tracking on projects; b) Project documentation and notebooks; c) Discussions about projects; d) Upload, download discuss project files; and e) Manage project user groups; 3) Ticket Tracking System - a) Complete and powerful ticketing system; b) Powerful searching & filtering; c) Store your full ticket history; d) Statuses, priorities and tags; and e) Easily stay in the loop by watching tickets. This will be added to Script and Code Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

SendTask - Shate Tasks With Anyone
https://sendtask.io/
Sendtask is the easiest way to collaborate with your team, clients, and suppliers in one place - even if they don't have an account. See everything that matters at a glance and track your progress in one beautifully simple place. Collaborate with anyone in seconds. They don't need to register so it's easy to onboard people. Sendtask is still in Beta and free to use. All current features will remain free forever. Get things done on-the-go, even without an internet connection. This will be added to World Wide Web Reference 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™.

PivotalTracker Project Management
https://www.pivotaltracker.com/
With a shared view of team priorities, a process that fosters collaboration, and dynamic tools to analyze progress, your team will deliver more frequently and consistently. Keep
your team on the rails. Tracker's shared backlog makes priorities clear so the team can stay organized. Easily visualize scope, focus your teamwork, and stay nimble when circumstances change. Get more work done, more often. Tracker's guided iteration planning helps you break down and prioritize projects into manageable chunks so the team can keep the momentum toward delivering. No more surprises. With a shared, clear view of your team's work, everyone has a real-time, single source of truth. A quick scan explains your team's status, who's responsible for what, and what's coming next. Succeeding in an evolving tech landscape requires a time-tested process and a tool your team can rely on. Tracker's modern workflow helps your team keep the pace and adapt when needs change. This will be added to World Wide Web Reference 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™.

Storrito
https://storrito.com/
Create and schedule Instagram Stories comfortably from your desktop pc. The perfect tool for influencers, brands and agencies. Storrito posts your story directly to Instagram or you pick a date and it will be posted later. Connect as many Instagram accounts as you want and add swipe up links. Organize your story media and scheduled story posts. Share a Storrito account with your team-mates to collaborate. Use Storrito's story templates to turn your image into an animated story video. Animate the swipe up link, header and background with different styles. Resize and cut your video in the Storrito editor All Instagram tags and editor features are also supported for videos. This will be added to World Wide Web Reference 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™.

mailomix - Online Strategies for Small Businesses and Solo Entrepreneurs
https://www.mailomix.com/
Mailomix is aimed at solo entrepreneurs and bootstrappers who want to launch their online business on a budget. What will you find at Mailomix? a) A weekly curated newsletter - A selection of the best articles from the blogosphere about content marketing, growth hacking, marketing automation, conversion optimization, processes, startups, tools, etc. All articles are specially analyzed through the prism of small business needs; b) A blog - It’s all about the Mailomix. experiment; and c) strategies, processes, tools, necessary skills, successes, failures, case studies, income reports, etc. This will be added to World Wide Web Reference 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™.
Focusboard.io - Discover the Internet Free of Distractions

https://focusboard.io/

Focus Board lets you build your personal internet dashboard using visual web scraping. You can browse the pages you care about without ads, popups and other distractions. Focus Board is a simple tool that allows you to visually scrape interesting parts of different websites to create your personal internet dashboard. Features include: 1) Capture a visual area from any website; 2) Display captured areas on an interactive dashboard; 3) Use high-speed VPS for refreshing captured areas concurrently; 4) Dispatch custom clicks to interact with websites JavaScript; and 5) Hide ads/popups using jQuery selectors. This will be added to Web Data Extractors white paper. This will be added to World Wide Web Reference 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™.

LLRX> Deep Web Research and Discovery Resources 2019


How big is the Deep Web? It is estimated that the Deep Web comprises 7,500 terabytes – although an exact size is not known, and figures vary widely on this question. The magnitude, complexity and siloed nature of the Deep Web means researchers cannot turn to one specific guide or one search engine to access the vast range of information, data, files and communications that comprise it. The ubiquitous search engines (Google, Bing, Yahoo) manage, index and deliver results from the Surface web. These search results include links, data, information, reports, news, subject matter content and a large volume of advertising that is optimized to increase traffic to specific sites and support marketing and revenue focused objectives. On the other hand, the Deep Web – which is often misconstrued as a repository of dark and disreputable information [Note – it is not the Dark Web], has grown tremendously beyond that characterization to include significant content on a wide range of subject matter covering a broad swath of files and formats, databases, pay-walled content as well as communications and web traffic that is not otherwise accessible through the surface Web. In the last several years many more applications, tools and techniques have become available that provide researchers with targeted access to specific portions of the Deep Web using discovery techniques that leverage algorithms to access data and information in many formats. Documents used by organizations and entities to communicate within their domains, including databases and files of information that may be password protected and encrypted communications, may also be accessible. Searching for this information requires that users apply search engines, techniques and search tools that function as a means of accessing these repositories of corporate, data, news and research that is not transparent using the Surface web activities. Searching the Deep Web requires the use of multiple techniques and resources – it is challenging, complicated and far less straightforward than just using Google, and much more time consuming as well. This guide provides researchers with an extensive range of sites, services, resources, tools and techniques from which to choose so as to target their efforts to locate and then utilize information and data from
within the Deep Web. In addition, this guide assists researchers to identify and implement security and privacy applications while using the Deep Web, as well as offering a large number of training and learning resources to conduct more effective and efficient searches. This Deep Web Research and Discovery Resources 2019 report and guide is divided into the following topics: a) Articles, Papers, Forums, Audios and Videos; b) Cross Database Search Services; c) Cross Database Search Tools; d) Peer to Peer, File Sharing, Grid/Matrix Search Engines; e) Presentations; f) Resources – Deep Web Research; g) Resources – Semantic Web Research; and h) Bot and Intelligent Agent Research Resources and Sites. This report is also available as a PDF directly from http://www.DeepWeb.us/.

Octoparse - Web Scraping Tool
http://www.octoparse.com/
Octoparse is an easy-to-use web scraping tool developed to accommodate complicated web scraping for non-coders. It is powerful enough to deal with dynamic websites and interact with any sites in various ways, such as authentication, text input, selecting from drop-down menus, hovering over dynamic menus, infinitive scroll and many more. Octoparse offers cloud-based extraction (paid feature) as well as local extraction (free). For more precise scraping, Octoparse also has built-in XPath and Regular Expression tools to help users scrape with high accuracy. This will be added to Web Data Extractors white paper. This will be added to World Wide Web Reference 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™.

ParseHub – Web Crawling Using Machine Learning
http://www.parsehub.com/
Parsehub is another non-programmer friendly software. Being a desktop application, Parsehub is supported in various systems such as Windows, Mac OS X, and Linux. Like Octoparse, Parsehub can deal with complicated web scraping scenarios mentioned earlier. However, though Parsehub intends to offer easy web scraping experience, from what I can see, a typical user will still need to be a bit technical to fully grasp many of its advanced functionalities. For precise scraping, Octoparse also has built-in XPath and Regular Expression tools to help users scrape with high accuracy. This will be added to Web Data Extractors white paper. This will be added to World Wide Web Reference 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™.
dexi.io – Web Data Processing for Professionals – Extract, Enrich and Connect
https://dexi.io/
Dexi.io is a cloud-based web scraper providing development, hosting and scheduling services. Dexi.io can be very powerful but does require more advanced programming skills comparing to Octoparse and Parsehub. With Dexi, three kinds of robots are available: extractor, crawler, pipes. Dexi supports integration with many third-party services such as captcha solvers, cloud storage and many more. This will be added to Web Data Extractors white paper. This will be added to World Wide Web Reference 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™.

Scribr - Have Your Interview Summarized in Minutes
https://tryscribr.com/
Scribr is AI powered transcription designed to make the lives easier and more affordable for journalists, students and anyone who needs to turn audio into text. Never write notes from your interview or lecture again. Have everything transcribed, summarized and highlighted using AI. Scribr can transcribe all your interviews, lectures or meetings in minutes while not just turning out the full transcript, but also a summary with the key parts of the transcript to get straight to the point. While our AI is trained against lectures and media interviews, it can work with anyone who needs something transcribed. So anyone from journalists and students to lawyers, PR managers or uni lecturers. This will be added to Journalism Resources Subject Tracer™. This will be added to Student Research Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

Sisense - Data Visualization Tools
Build visual dashboards and reports to express any piece of data, discover underlying trends, and make data-driven decisions. Sisense’s data visualization software gives you a way to graphically represent your data to communicate large data sets clearly and efficiently. Rather than trying to analyze a long lists of numbers in rows and columns, Sisense makes data easy to digest by allowing anyone to crunch large data sets and visualize it with beautiful pictures, graphs, charts, maps and more—all in a single dashboard. Sisense is built as a self-service Business Intelligence software solution, so all data visualization tools are easy to use and allow anyone to create a meaningful dashboards and reports without having to rely on IT for continuous changes or customizations. Get fast and accurate answers to crucial questions such as what is driving growth, where your company is spending its resources and more, as well as establish a way to measure KPIs across all departments. Forget about poring over spreadsheets:
Sisense gives you all the tools you need to understand your data in an interactive, visual environment, enabling you to easily identify trends and developments as they happen. Connect directly to the data source or sources you want to analyze, tie your data together with easy data preparation features, and then choose from dozens of available charts, graphs, indicators and maps to truly unlock the value of your data. Using this real-time data visualization lets anyone in your business get the information and insights they need at a glance – rather than waiting for IT to query a database or spending hours crunching the numbers in Excel. When every decisionmaker has data at their fingertips, your company can truly become a data-driven organization. This will be added to Knowledge Discovery Subject Tracer™. This will be added to Statistics Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

**Sisense - Data Visualization Tools**

Build visual dashboards and reports to express any piece of data, discover underlying trends, and make data-driven decisions. Sisense’s data visualization software gives you a way to graphically represent your data to communicate large data sets clearly and efficiently. Rather than trying to analyze a long lists of numbers in rows and columns, Sisense makes data easy to digest by allowing anyone to crunch large data sets and visualize it with beautiful pictures, graphs, charts, maps and more—all in a single dashboard. Sisense is built as a self-service Business Intelligence software solution, so all data visualization tools are easy to use and allow anyone to create a meaningful dashboards and reports without having to rely on IT for continuous changes or customizations. Get fast and accurate answers to crucial questions such as what is driving growth, where your company is spending its resources and more, as well as establish a way to measure KPIs across all departments. Forget about poring over spreadsheets: Sisense gives you all the tools you need to understand your data in an interactive, visual environment, enabling you to easily identify trends and developments as they happen. Connect directly to the data source or sources you want to analyze, tie your data together with easy data preparation features, and then choose from dozens of available charts, graphs, indicators and maps to truly unlock the value of your data. Using this real-time data visualization lets anyone in your business get the information and insights they need at a glance – rather than waiting for IT to query a database or spending hours crunching the numbers in Excel. When every decisionmaker has data at their fingertips, your company can truly become a data-driven organization. This will be added to Knowledge Discovery Subject Tracer™. This will be added to Statistics Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.
Amazon Aurora - Relational Database
https://searchaws.techtarget.com/definition/Amazon-Aurora

Amazon Aurora is a relational database engine from Amazon Web Services. The engine is compatible with MySQL, which means code, applications and drivers used in databases relying on MySQL can be used in Aurora with minimal or no changes. MySQL is an open source database management system based on Structured Query Language (SQL). Amazon Relational Database Service (RDS) manages Aurora databases by handling provisioning, patching, backup, recovery and other tasks. A developer can migrate to and from MySQL databases by using the mysqldump (export) and mysqldimport (import) utilities or by using RDS’ DB Snapshot migration feature. Data migration typically takes one hour. Aurora stores a minimum of 10 GB and scales automatically to a maximum of 64 TB. The service divides the volume of a database into 10 GB chunks, which are spread across different disks. Each chunk is replicated six ways across three AWS Availability Zones (AZs). If data in one AZ fails, Aurora attempts to recover data from another AZ. Aurora is also self-healing, meaning it performs automatic error scans of data blocks and disks. A developers can scale up resources allocated to a database instance and improve availability through Amazon Aurora Replicas, which share the same storage as the Elastic Compute Cloud (EC2) instance. An Amazon Aurora Replica can be promoted to a primary instance without any data loss, which helps with fault tolerance if the primary instance fails. If a developer has made an Aurora Replica, the service automatically fails over within one minute; it takes about 15 minutes to fail over without a replica. Amazon is a pay-per-use service in which a user pays per instance; customers can opt for either On-Demand or Reserve pricing. AWS also bills customers for any storage Aurora uses in GB per month increments and according to I/O rate (per million requests). This will be added to World Wide Web Reference 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™.

Excel Easy
https://www.excel-easy.com/

They offer a tutorial on how to use Excel. You can find an overview of all chapters. They keep it easy! This an excellent tutorial for Excel and needs to be bookmarked for easy access and learning!! This will be added to Tutorial Resources Subject Tracer™ Information Blog. This will be added to World Wide Web Reference 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™.
Able2Extract Professional - PDF Converter, Editor and Viewer
https://www.investintech.com/
Cover all aspects of your PDF work on your desktop: 1) Convert PDF files to all major formats including Excel, Word, CAD, PowerPoint; 2) Extract scanned PDF content to editable documents using OCR; 3) Edit PDF content, manipulate pages and forms in real time; 4) Convert hundreds of files in one go with batch conversion and custom templates; 5) Bulletproof your PDFs with advanced PDF encryption and file permissions; and 6) Add signatures to your PDFs and validate PDF signatures you receive. Other PDF Solutions: a) PDF Developer Tools - They provide developers with components that let them add PDF conversion features to their applications. All developer tools come as a Software Development Kit (SDK) - a collection of methods compiled, linked and stored in a dynamic-link library (DLL); and b) Server PDF Solutions - Absolute PDF Server combines both Able2Extract PDF extraction server and Sonic PDF creation server into a single server-side product. Solve your whole organization’s document management needs with the help of our PDF server products. This will be added to Tutorial Resources Subject Tracer™ Information Blog. This will be added to World Wide Web Reference 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™.

Affable - Powerful AI for Your Influencer Marketing Campaigns
https://www.affable.ai/
No more manual effort or guesswork. Find only the most effective influencers and measure their true reach through our AI driven platform. Affable is an end-to-end platform. Find the most relevant and authentic influencers for your brand. Affable analyses images uploaded by influencers to recommend the most suitable profile among millions of users out there. Reach out to all influencers you are interested to work with, in an effortless and seamless way. Manage and schedule your campaign to maximize the ROI. Affable optimizes the audience overlap to make sure that you reach a targeted and distinct audience. Measure the true reach of the influencer posts by looking at the demographics and psychographics of the audience that engages with the influencer content. For the first time, you can now measure if the influencer content is reaching your target audience. Find influencers based on advanced filters including Country, Age, Gender, Follower-count & Interests of the Influencer and/or their followers. Affable scours through the images uploaded by users to recommend the most relevant influencer for any niche. Content not in English? No problem. Images know no language! They use advanced computer vision to analyze faces of users from their public images to determine their demographics. No more spending marketing dollars on the wrong audience! Affable analyses the content uploaded by influencers to suggest you which brands they are affiliated with. See who your competitors are working with and avoid working with the same users! They have developed machine-learning models that can detect a real user from a suspicious account. Careful whom you work with – you definitely do not want to sell to bots. Affable’s content discovery helps you find what is trending among influencer
community using advanced filtering with hashtags, brand and interest filters. Affable’s reach analyzer helps you find how much of the actual engagement came from your target audience. For the first time, you will now be able to measure if you are spending $$ reaching the right people. This will be added to World Wide Web Reference 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™.

Canva - Design Anything Publish Anywhere
https://www.canva.com/
Present your data as visually-stunning graphs using Canva’s free and online graph tools. Whether you need to compare and contrast different numbers, track changes across a given time period, show relationships between two or more data sets, or illustrate an organization’s structure, graphs and charts are a great way to present your data in a visual and easily digestible way. With Canva, you can design your own professional-quality graphs without the need to hire a graphic designer. Canva does all the work for you — just type in your labels and values or copy and paste them from a sheet and watch as Canva builds a custom graph or chart. For more structural charts like Venn Diagrams, Organization Charts and Mind Maps, we have ready-made templates that are just waiting for you to customize and edit using Canva’s suite of powerful yet easy to use design tools. Afterwards, you can easily add your new graph or chart into any other document in Canva. Up your visual content game by embedding your graphs and charts into your social media posts, blog graphics and infographics. Keep your audience engaged by adding them to your presentations or help readers of your magazines, brochures, reports, proposals, resumes, and more digest information easier. This will be added to the tools section of World Wide Web Reference 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™.

Animoto - Video Making Made Easy
https://animoto.com/home
Create impressive videos in minutes with Animoto’s drag-and-drop video maker. No video editing experience necessary. Features: a) Add photos and video clips - Select a storyboard template or start from scratch. Then drag and drop photos and video clips right into your project; 2) Personalize your video - Quickly adjust colors, fonts, music, and more to customize your video. Match your own style or brand with ease; and 3) Share and impress - Produce and share your video in moments. Wow friends and family or boost business sales and engagement. Make powerful, professional videos for any occasion or business in minutes. Simply drag and drop your own photos and video clips into pre-built templates to create share-worthy videos in minutes. No video editing experience needed! Their professionally designed templates offer you unrivaled flexibility. Easily customize videos to fit any brand or occasion. They have partnered

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VirtualPrivateLibrary.com™
Awareness Watch V17N3 March 2019 Newsletter
http://www.AwarenessWatch.com/
zillman@VirtualPrivateLibrary.com
eVoice: 800-858-1462
© 2019 Marcus P. Zillman, M.S., A.M.H.A.
with Getty Images to give you exclusive access to over 1 million stock photos and videos with our Professional and Business plans. This will be added to World Wide Web Reference 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™.

qri - A New Tool for Data Science
https://qri.io/
qri (“query”) is versioned, scriptable, exportable, collaborative datasets. Qri is built around datasets. Bigger than a spreadsheet, smaller than a database, datasets are all around us. Use Qri to browse, download, create, fork, and publish datasets with a broad network peers. Data is better when we work together. Qri costs nothing to use, and is built as an open source project under a GPL license. Every dataset change is tracked & attributed to an author, so you can audit whether the data you’re looking at meets your standards, and track changes as they happen. Whether you’re a data scientist, or have only ever touched excel, we have tools for you. Qri is built from the ground up as a distributed network on top of IPFS. We chose IPFS because it’s both global and content-addressed — perfect for datasets. Data you’ve downloaded stays local. Content-addressing lets data be stored anywhere without sacrificing security. All this adds up to a web of datasets that is faster, more secure, and free. Qri has a desktop app and command line tools. Both are free and open source. This will be added to Knowledge Discovery Subject Tracer™. This will be added to Statistics Resources Subject Tracer™. This will be added to World Wide Web Reference 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™.

Enzypt - A Web3-Enabled Website to Buy and Sell Files Through Ethereum and IPFS
https://enzypt.io/
A web3-enabled website to buy and sell files through Ethereum and IPFS. enzypt does not store your files. The files and the metadata (price, seller, description) are stored on the Interplanetary File System (IPFS). However, enzypt encrypts your files before uploading them, so no one can access the files without purchasing them. Features include: a) No registration; b) It's free; c) Sell up to 100MB of files at a time; d) Peer to peer payments; e) Keep 100% of your sales; f) Completely anonymous; g) Easily share your files with a unique purchase link; h) End to end encryption; and i) Decentralized storage. This will be added to Statistics Resources and Big Data Subject Tracer™. 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™.
Tallylab - Your Data Your Insights
https://tallylab.com/
Start capturing and analyzing the data that's important to you in a single, secure diary app. TallyLab doesn't limit what you can track to a single category – e.g. fitness, food, sleep, weather, etc. – because life doesn't happen inside of tidy categories. TallyLab is a data tracking app with a twist – it’s your data, and you alone reap the insights. Your data is encrypted on your device and in our cloud. Only you have the power to decrypt it. TallyLab is a web-based app, so you can start using it right away in any modern browser. They recommend opening it up on your primary mobile device so you can tally on-the-go. They have been working on TallyLab for three years and are proud to be building a platform that gets more people doing science without preying on their data. This will be added to Healthcare Resources Subject Tracer™. This will be added to Statistics Resources and Big Data Subject Tracer™. 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™.

DECS - The All-In-One Workspace To Manage Code Snippets and Protect Sensitive Data
https://app.decs.xyz/
The all-in-one workspace to manage code snippets and protect sensitive data. Features include: 1) Vault - Too many projects result in too much chaos. With DECS secure, store and tightly control access to tokens, configurations, certificates, and other sensitive data in one workspace; 2) Code Reuse - Think, code, collaborate and get organised. DECS offers a beautiful, easy to use interface to capture, manage and search your reusable code snippets; and 3) Tag, Share and Sync - Tag, share and sync your snippet knowledge base within a team or organisation. Import and export your code snippets seamlessly as you like, no platform lockdowns. Interruptions kill your productivity. Their browser extension fits into your workflow, so you never lose focus saving you several hours. Adopt the best practices to jump-start your next project. DECS uses BlockStack Naming Service to preserve user Identity with an underlying blockchain technology. They enable decentralisation by providing you with the ability to store your data on the data hub of your choice. Such as AWS, Azure etc. . Tag your snippets and organise your code any way you like. Team and organisation features enable you to build and sync a shared knowledge base for your organisation. With one tool share the best coding practices with everyone. This will be added to Statistics Resources and Big Data Subject Tracer™. 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™.
Electron - Build Cross Platform Desktop Apps With JavaScript, HTML and CSS
https://electronjs.org/
If you can build a website, you can build a desktop app. Electron is a framework for creating native applications with web technologies like JavaScript, HTML, and CSS. It takes care of the hard parts so you can focus on the core of your application. Web Technologies - Electron uses Chromium and Node.js so you can build your app with HTML, CSS, and JavaScript. Open Source - Electron is an open source project maintained by GitHub and an active community of contributors. Cross Platform - Compatible with Mac, Windows, and Linux, Electron apps build and run on three platforms. To get started with Electron, check out the resources above. Learn how to wrap your web app with Electron, access all the APIs, and generate installers. The Electron API Demos app interactively demonstrates the most important features of the Electron API. See what's possible with Electron with sample code and helpful tips for building your app. With Electron, creating a desktop application for your company or idea is easy. Initially developed for GitHub's Atom editor, Electron has since been used to create applications by companies like Microsoft, Facebook, Slack, and Docker. This will be added to Script Resources Subject Tracer™. 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™.

Thaler.One - Digital Securities Backed by Real Estate
https://thaler.one/
Thaler.One combines a Fund regulated under the laws of the European Union with a Marketplace for listing of individual real estate assets, all SEC compliant. Thaler.One digital securities provide investors with a stable income that results both from real estate rental and from operating income of online platform, that allows to build individualized real estate portfolios. Thaler.One is founded by Real estate and finance professionals with significant experience in Real estate and excellent reputation. Thaler team and advisors are alumnus of Rothschild, Morgan Stanley, UBS, RenCap, Cushman Wakefield, Visa, PWC, EY, Credit Suisse and JLL. 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™.

Draftium - Turbo Prototyping Tool for Websites
https://draftium.com/
Ideate and collaborate on website prototypes with team and clients. Features include: a) 300+ Prototype templates - Use pre-built website wireframes tailored to specific business industries; b) 200+ Ready-to-use blocks - Gallery, slider, timeline, tabs, or whatever you need - we've got you covered; c) Simple customization - Add or remove block elements, change typography settings. All in one click; d) Naturally responsive - Your prototype looks great on any device and screen size. Automatically; e) Real-time collaboration - Forget about tons of emails. Create, discuss, improve, approve. In one place; and f) Free icons and images. Add visuals from their free library and make your website mockup.
come to life. Get started now. It’s free. Forever!! 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™.

XSEDE - Extreme Science and Engineering Discovery Environment
https://www.xsede.org/
XSEDE is a single virtual system that scientists can use to interactively share computing resources, data and expertise. People around the world use these resources and services — things like supercomputers, collections of data and new tools — to improve our planet. This will be added to Knowledge Discovery Subject Tracer™. 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™.

2018 Index of Economic Freedom
https://www.heritage.org/index/
Today, we live in the most prosperous time in human history. Poverty, sicknesses, and ignorance are receding throughout the world, due in large part to the advance of economic freedom. In 2018, the principles of economic freedom that have fueled this monumental progress are once again measured in the Index of Economic Freedom, an annual guide published by The Heritage Foundation, Washington's No. 1 think tank. For over twenty years the Index has delivered thoughtful analysis in a clear, friendly, and straight-forward format. With new resources for users and a website tailored for research and education, the Index of Economic Freedom is poised to help readers track over two decades of the advancement in economic freedom, prosperity, and opportunity and promote these ideas in their homes, schools, and communities. The Index covers 12 freedoms – from property rights to financial freedom – in 186 countries. The 2018 Index — the 24th edition—includes: a) Updated economic freedom scores and macroeconomic data for 186 economies; b) Easy-to-read cross-country comparisons that highlight why economic freedom matters; and c) Online tools like customized comparison charts and an interactive heat map. 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™.

Copydue - Top Writers On-Demand
https://copydue.com/
Features include: a) Copydue provides premium, on-demand content from vetted writers. b) Professional and Premium Content. c) Vetted top tier writers. d) Their writers go through a rigorous application process and have experience writing for major publications. e) Simply request and receive.f) They manage the writers on your behalf. Gone are the days of spending time managing freelancers. h) Industry-specific expertise.
Their matching algorithms ensure you're getting writers that are specialized in the format and industry you're looking to create content for. i) Writers with experience crafting content for leading publications. How it works? 1) Submit a request - After signing up, request the copy you desire and provide details to guide the writer; 2) They find the best writer - They review your job request and utilize our algorithms to find the best writer for you. Track your requests and timelines through the dashboard; and 3) Content delivered - Once the writer has completed the job we deliver it to you. Need revisions? Submit requests via the dashboard at no extra charge. Other features include: a) Writers with a wide-range of expertise; b) From Blog Posts to Fortune 500; c) They have writers that specialize in a variety of content types such as blog posts, social posts, web copy, product descriptions, email campaigns, articles, and more; d) Experts in all domains; and e) With a deep pool of specialists, you can expect writers with knowledge about your industry and familiarity with the topics you're looking to write about. This will be added to Internet Experts Subject Tracer™. This will be added to Journalism Resources Subject Tracer™. 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 Research Resources Subject Tracer™.

**TREX - Translate Examples**

https://tr-ex.me/

Tr-ex.me is bilingual dictionary, containing translations of various phrases. For each translation, we have examples of using in various sentences. The examples are taken from millions of texts previously translated ranging from dialogues (subtitles of film), and official documents to multilingual websites. You will find some translations above the example list. They are automatically calculated thanks to our Sometimes, the highlighted text in the source might not correspond to the one on the translated text, even if the translation is correct. They are constantly working on improving the translation algorithm, but still the wrong translations may appear. These translations are due to incorrect translation examples. We really hope that when you see a bad example of translation of the sentence, then just click on the finger down. Knowing the direct translation of a word does not always help in learning the language and communicating, so we try to give more translations, not just direct translations. If you click on a translation, Context will only display the examples containing this particular translation. This will help you to have a better picture of the conditions for its use. This will be added to Journalism Resources Subject Tracer™. 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 Research Resources Subject Tracer™.
Be Safe On the Internet
https://securitychecklist.st/
An open source checklist of resources designed to improve your online privacy and security. Check things off to keep track as you go. This is an excellent resource and thanks to Sabrina I. Pacifici for the excellent find! This will be added to Privacy Resources Subject Tracer™. 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™.

CoScreen - Remote Collaboration Reimagined - Screensharing by Drag and Drop
http://www.CoScreen.co/
CoScreen at a glance - a unique real-time collaboration solution for agile teams. With CoScreen, screensharing is no longer a monologue. Any window you drag & drop to your shared desktop is instantly shared with your peers on their screens & vice versa. It works best if you have two displays but it does the job either way. Everyone can share, control and talk simultaneously. 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™.

Pitchroom
https://www.pitchroom.io/
They believe presentation tools can do so much more than press play. Meet the worlds first interactive presentation platform! Their beta program is currently full, please sign up to join the waiting list. 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™.

Competitive Intelligence - A Selective Resource Guide - Updated December 2018
The accuracy and reliability of data, information, and research published on websites – whether they are hosted by federal, state and local government, corporations, academe, scholarly groups, news organizations, advocacy and professional associations, as well as individual, is subject to continuous review and evaluation to establish its accuracy, reliability and usefulness specific to the areas that pertain to your specific work. The requirements of many faceted work product, deliverables, assignments, publications, reports and specialized expert services demand that we in essence continually, rapidly, and effectively boil the vast ocean of knowledge that is in a continuous state of change. 2018 highlighted additional obstacles to researchers with the advancement of efforts to brand legitimate reporting, news and research resources as “fake” in an effort to marginalize, ring fence and demean publishers, journalists and researchers whose writing...
and work diverged from that of a prevailing force in American politics. As expert researchers, the clarion call of “fake news” heightened these challenges to our work, but also gave us opportunities to improve and expand critical skills and knowledge across a comprehensive range of sources. Our work is often time sensitive and yet it requires that we continuously practice effective examination of a broad and deep spectrum of information – to establish actionable facts. This work includes cross-checking data and routinely performing due diligence reviews on sources and publications which we cite and from which we source our operational work product. More than ever perhaps the Internet is a dynamic ecosystem – sites often change URLs, the subject matter, focus and perspective may be impacted for reasons that are financial, political or even personal, and ownership of sites may change, resulting in dramatic changes to the quality and reliability of a site’s content. With increasing frequency, sites go offline or merge/are subsumed into other sites, with little or no notification to users, even if they are subscription based. New sites and services pop up, and researchers are challenged to make quick determinations as to their value. However, we have just so many hours in our work day to identify and efficiently use tools and resources that support our ability to accurately meet the requirements of our customers, users, patrons, and readers. This guide remains focused on the requirements of multi-disciplinary subject matter researchers, a group of which I am a dedicated and a long standing member. This latest version of the guide includes dozens of updated links, deletion of sites that no longer exist, as well as numerous new, value added content. For 22 years, LLRX has not changed its URL and the webzine remains an independent, non-affiliated, one woman owned and edited publication. Please refer to this guide as a reliable resource on which you may depend and to which you will often refer as you engage in research, knowledge discovery, managing knowledge services, as well as an reliable resource for teaching and training programs. As always, I appreciate your suggestions to include additional sites and sources in this guide. Thank you – and may your research always shine light on the facts, regardless of any efforts to bury, obscure and diminish them. This will be added to Reference Resources Subject Tracer™. 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™.

**Awarenesswatch™ Paper Review**

**Down the Deep Rabbit Hole: Untangling Deep Learning from Machine Learning and Artificial Intelligence** by Niel Chah


**Abstract:**

Interest in deep learning, machine learning, and artificial intelligence from industry and the general public has reached a fever pitch recently. However, these terms are frequently misused, confused, and conflated. This paper serves as a non-technical guide for those
interested in a high-level understanding of these increasingly influential notions by exploring briefly the historical context of deep learning, its public presence, and growing concerns over the limitations of these techniques. As a first step, artificial intelligence and machine learning are defined. Next, an overview of the historical background of deep learning reveals its wide scope and deep roots. A case study of a major deep learning implementation is presented in order to analyze public perceptions shaped by companies focused on technology. Finally, a review of deep learning limitations illustrates systemic vulnerabilities and a growing sense of concern over these systems.

**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/

Artificial Intelligence Resources  
http://www.AIResources.info/

Astronomy Resources  
http://www.AstronomyResources.info/

Auction Resources  
http://www.AuctionResources.info/

Biological Informatics  
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/

Entrepreneurial Resources
http://www.EntrepreneurialResources.info/

Fact Checkers Directory
http://www.FactCheckers.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/
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/
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

Deep Web Research and Discovery Resources 2019 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2019
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 2019
http://www.HealthcareBots.info/

Knowledge Discovery Resources 2019
http://www.KDResources.info/

New Economy Resources 2019
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

Web Data Extractors 2019
http://www.WebDataExtractors.com/

Web Guide for the New Economy 2019

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.

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/
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
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.

Form