

Awareness Watch™ Newsletter

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

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

V21N3

March 2023

Welcome to the V21N3 March 2023 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 especially in today’s post COVID-19 New Economy and New Normal 2023 world!!

Awareness Watch™ Featured Report

This month’s featured report covers **2023 Artificial Intelligence MiniGuide** and is a comprehensive listing of competent Internet artificial intelligence resources and tools including the new economy and new normal internet AI directories, subject guides and index resources and sites on the Internet available for the 2023 year. The below list is taken partially from my 2023 miniguide titled 2023 Artificial Intelligence MiniGuide and is constantly updated with Subject Tracer™ bots at the following URL:

<http://www.2023AIMiniGuide.com/>

These resources and sources will help you to discover the many new pathways available through the Internet to find the latest new and existing world wide web and Internet competent search 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 below resources and sources will be your pathfinder to all the new and existing competent Internet search tools and resources.



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2023 Artificial Intelligence (AI) MiniGuide

By

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Executive Director – Virtual Private Library
zillman@virtualprivatelibrary.com
<http://www.2023AIminiguide.com/>

The **2023 Artificial Intelligence (AI) MiniGuide** is a comprehensive list of competent artificial intelligence resources that are currently available on the Internet. The below list of sources is partially taken from my Subject Tracer™ and white paper titled Artificial Intelligence Resources 2023 and is constantly updated with Subject Tracer™ bots at the following URL:

<http://www.AIResources.info>

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

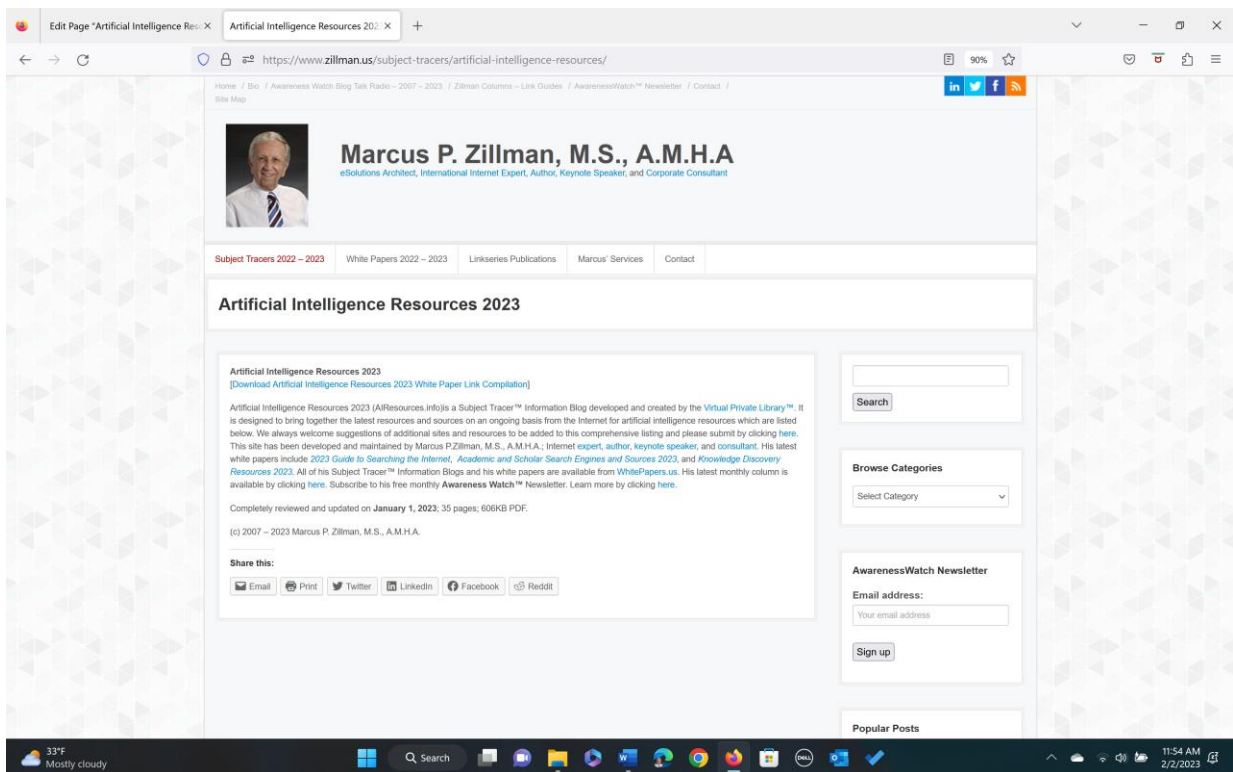


Figure 1: Artificial Intelligence Resources 2023

2023 Artificial Intelligence (AI) MiniGuide::

22 Experts Predict How Artificial Intelligence Will Impact the Enterprise Workplace by Rakesh Reddy

<http://acuvate.com/blog/22-experts-predict-artificial-intelligence-impact-enterprise-workplace/>

3 Machine Learning Algorithms You Need to Know by Eleni Markou

<https://dzone.com/articles/3-machine-learning-algorithms-you-need-to-know>

4 Ways Artificial Intelligence Will Change Just About Everything

<http://www.business2community.com/brandviews/salesforce/4-ways-artificial-intelligence-will-change-just-everything-01622417#7BUdk8QzRwIxYIcD.97>

5 Free Courses for Getting Started in Artificial Intelligence

<https://www.kdnuggets.com/2017/02/5-free-courses-getting-started-artificial-intelligence.html>

6 AI-Powered Tools All Entrepreneurs Need To Run Their Business by Artur Kiolian

<https://www.entrepreneur.com/article/298628>

7 Factors Driving the Artificial Intelligence Revolution

<http://singularityhub.com/2016/08/29/7-factors-driving-the-artificial-intelligence-revolution/>

8 AI and Data Science Buzzwords Marketers Need To Know Now by Tim Hoolihan

<http://www.business2community.com/marketing/8-ai-data-science-buzzwords-marketers-need-know-now-01929856#mM0qro7kq56uLUYu.97>

10 Successful Applications Of AI In Business

<https://www.forbes.com/sites/williamfalcon/2018/07/31/10-successful-applications-of-ai-in-business/>

12 AI Quotes Everyone Should Read by Bernard Marr

<https://www.forbes.com/sites/bernardmarr/2017/09/22/12-ai-quotes-everyone-should-read/>

14 Incredible Artificial Intelligence Pioneers Everyone Should Know About

<https://www.forbes.com/sites/bernardmarr/2018/07/09/14-incredible-artificial-intelligence-pioneers-everyone-should-know-about/>



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25 Excellent Machine Learning Open Datasets

<https://opendatascience.com/25-excellent-machine-learning-open-datasets/>

30 Free Resources for Machine Learning, Deep Learning, NLP and AI

<https://www.kdnuggets.com/2018/06/30-free-resources-machine-learning-deep-learning-nlp-ai.html>

100 Top Artificial Companies (AI) in 2023

<https://www.datamation.com/featured/ai-companies/>

2022 Directory of Directories

<http://www.2022DirectoryOfDirectories.com/>

2022 Guide to Finding Experts by Using the Internet

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

2022 Guide to Finding People Resources and Sites

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

2022 Guide to Internet Privacy Resources and Tools

<http://www.2022InternetPrivacy.com/>

2023 Guide to Searching the Internet

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

2023 MiniGuides by Marcus P. Zillman, M.S., A.M.H.A.

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

2023 New Economy Resources

<http://www.2023NewEconomy.com/>

Abacus AI

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

A Beginner's Guide to AI: Algorithms

<https://thenextweb.com/artificial-intelligence/2018/08/02/a-beginners-guide-to-ai-algorithms/>

About Intelligence

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

Adaptive Artificial Intelligence

<http://adaptiveai.com/>



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A Human's Guide to Machine Intelligence by Kartik Hosanagar
<https://wdp.wharton.upenn.edu/book/a-humans-guide-to-machine-intelligence/>

AI2 - Allen Institute for Artificial Intelligence – AI for the Common Good
<http://allenai.org/>

AI Genealogy Project
<http://content.iospress.com/articles/ai-communications/aic371>

AI Impacts
<http://aiimpacts.org/>

AI is Now the Best Friend IT Ever Had by Abbas Haider Ali
<https://venturebeat.com/2017/04/08/ai-is-now-the-best-friend-it-ever-had/>

AI Knowledge Map: How To Classify AI Technologies
<https://www.forbes.com/sites/cognitiveworld/2018/08/22/ai-knowledge-map-how-to-classify-ai-technologies/>

AI Now Institute
<https://ainowinstitute.org/>

AI Predicts Side Effects for Millions of Drug Combos
<https://www.futurity.org/artificial-intelligence-drug-combinations-1808212/>

AI Repositories and Resource Lists
<http://www.cs.cmu.edu/afs/cs.cmu.edu/project/ai-repository/ai/html/other/repositories.html>

AI Resources
<http://AIResources.org/>

AI Resources – Association for the Advancement of Artificial Intelligence
<http://www.aaai.org/Resources/resources.php>

AI Resources – IEEE Computer Society
<https://www.computer.org/resources/ai-resources>

AISB - The Society for the Study of Artificial Intelligence and the Simulation of Behaviour
<http://www.aisb.org.uk/>

AI Topics – Official Publication of the AAI
<http://aitopics.org/>



AI Weekly by Essentials

<http://aiweekly.co/>

Alan Turing Institute Provides AI Startups with Opportunity to Collaborate with Researchers

<https://www.computerweekly.com/news/252447070/Alan-Turing-Institute-provides-AI-startups-with-opportunity-to-collaborate-with-researchers>

Algorithm Beats Humans for Sniffing Out Fake News

<https://www.futurity.org/fake-news-detecting-algorithm-1844942/>

Algorithm Watch

<https://algorithmwatch.org/>

Algorithmia and DataRobot Enabling AI In Every Application

<https://algorithmia.com/>

Algorithms, Automation and News – Neil Thurman Blog

<http://www.algorithmic.news/>

American Association for Artificial Intelligence (AAAI)

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

Amzi!

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

An Absolute Beginner's Guide To Machine Learning, Deep Learning and AI

<https://www.techinasia.com/ai-machine-deep-learning>

An AI Lab in a Library

<https://americanlibrariesmagazine.org/blogs/the-scoop/ai-lab-library/>

An Executive's Guide to AI

<https://www.mckinsey.com/business-functions/mckinsey-analytics/our-insights/an-executives-guide-to-ai>

api.ai – DialogFlow Speech Interface for Apps and Devices

<http://api.ai/>

Applied Soft Computing Journal

<http://www.sciencedirect.com/science/journal/15684946>

Appreciative Inquiry (AI) Commons

<http://appreciativeinquiry.case.edu/>



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Aristo – Build Machines that Read, Learn and Reason

<https://allenai.org/aristo/>

Artificial General Intelligence Is Here, and Impala Is Its Name - ExtremeTech

<https://www.extremetech.com/extreme/275768-artificial-general-intelligence-is-here-and-impala-is-its-name>

Artificial Intelligence: A Modern Approach 4th US ed.

<http://aima.cs.berkeley.edu/>

Artificial Intelligence and Future Scenarios

<https://frankdiana.net/2016/08/03/artificial-intelligence-and-future-scenarios/>

Artificial Intelligence – Game Changing AI Innovations

<https://www.accenture.com/us-en/artificial-intelligence-index>

Artificial Intelligence Graduate Certificate

<http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1226717>

Artificial Intelligence Markup Language (AIML)

<https://en.wikipedia.org/wiki/AIML>

Artificial Intelligence Podcast

<https://future.a16z.com/podcasts/what-is-artificial-intelligence/>

Artificial Intelligence Resources 2023

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

Artificial Intelligence vs Machine Learning vs Deep Learning by Dawn Parzych

<https://dzone.com/articles/the-differences-between-ai-and-ml>

Artificial Intelligence – Wikipedia

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

Artificial Intelligence Will Speak Its Own Language – Soon

<https://medium.com/@ScienceEditor/artificial-intelligence-will-speak-its-own-language-soon-411eb13a1aeb>

Artificially Intelligent: A Brief Glossary of the Ideas Behind AI

<http://www.cnet.com/news/artificially-intelligent-a-brief-glossary-of-the-ideas-behind-ai/>



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Association for Uncertainty in Artificial Intelligence (AUAI)

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

Auditing Algorithms: Adding Accountability to Automated Authority

<http://auditingalgorithms.science/>

Augmented Data Discovery Resources 2023

http://whitepapers.virtualprivatelibrary.net/Augmented_Data_Discovery.pdf

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

AutoStitch - A New Dimension In Automatic Image Stitching

<http://cs.bath.ac.uk/brown/autostitch/autostitch.html>

A Visual Introduction to Machine Learning

<http://www.r2d3.us/visual-intro-to-machine-learning-part-1>

Awesome Machine Learning for Cyber Security

<https://github.com/jivoi/awesome-ml-for-cybersecurity>

Beautiful AI - Fresh Way To Build Presentations

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

Benchmarking CrunchBases's Top 25 Artificial Intelligence Startups

<http://www.forbes.com/sites/louiscolombus/2016/06/22/benchmarking-crunchbases-top-25-artificial-intelligence-startups/#3932225a69fd>

Bibliographies on Artificial Intelligence

<http://iinwww.ira.uka.de/bibliography/Ai/>

Blueprint for an AI Bill of Rights

<https://www.whitehouse.gov/ostp/ai-bill-of-rights/>

Bot and Intelligent Agent Research Resources 2023

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

<http://www.2023BotMiniGuide.com/>

BRAIN: Broad Research in Artificial Intelligence and Neuroscience

<http://brain.edusoft.ro/index.php/brain>

Caffe - Deep Learning Framework

<http://caffe.berkeleyvision.org/>

Caffe2 – New Lightweight, Modular, and Scalable Deep Learning Framework

<https://caffe2.ai/>



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Canada Sets Up \$93 Million Fund To Promote Artificial Intelligence In Its Academies

<http://www.nearshoreamericas.com/canada-fund-promote-artificial-intelligence/>

CGAL - Computational Geometry Algorithms Library

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

Char-RNN

<https://github.com/karpathy/char-rnn>

ChatGPT

<https://chat.openai.com/>

ChatterBots 2023

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

<http://www.2023ChatterBotsMiniGuide.com/>

Choosing the Right Estimator for Machine Learning Problems

http://scikit-learn.org/stable/tutorial/machine_learning_map/

Cloud AutoML Alpha

<https://cloud.google.com/automl/>

Clouderizer - Democratizing Deep Learning

<https://clouderizer.com/>

Coda – Cloud-Based Document Editor

<https://coda.io/>

CognitiveScale® - Augmented Intelligence Primer

<https://www.cognitivescale.com/augmented-intelligence-you-can-trust/>

Colaboratory - Research Tool for Machine Learning and Research

<https://research.google.com/colaboratory/>

Comet - Supercharge Machine Learning

<https://www.comet.ml/>

Contus – Limitless Digital

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

Core ML - Integrate Machine Learning Models Into Your App

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



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Cybernetics and Systems Analysis
<http://link.springer.com/journal/10559>

DAO Resources 2023
<http://www.DAOResources.com/>

DAOstack – Building Collaborative Networks
<https://daostack.io/>

DARPA Pushes for AI That Can Explain its Decisions
<https://www.engadget.com/2018/07/23/darpa-third-wave-ai-support/>

DataRobot – Enabling the AI-Driven Enterprise
<http://www.datarobot.com/>

Data Mining Resources 2022
<http://www.DataMiningResources.info/>

DatumBox – Machine Learning Framework
<http://www.datumbox.com/>

Decentralized Artificial Intelligence Alliance
<https://daia.foundation/>

Decentralized Finance and Neural Networks
<https://olportal.ai/>

Deep Learning Weekly
<http://deeplearningweekly.com/>

DeepMind - World Leader In Artificial Intelligence Research
<https://deepmind.com/>

Deep Web Research and Discovery Resources 2023
<http://www.DeepWeb.us/>

Dialogflow - Build Natural and Rich Conversational Experiences
<https://dialogflow.com/>

Digital Leaders - Leadership in a Digital Age
<https://digileaders.com/>

Distill - Dedicated To Clear Explanations of Machine Learning
<https://distill.pub/>



Dreams From Creativity Machines by Imagination Engines and Neural Network Pioneer Dr. Stephen Thaler
<http://www.Imagination-Engines.com/>

eBrevia – Contract Review and Data Extraction Powered by AI
<https://ebrevia.com/>

EdCast’s AI-Powered Knowledge Cloud
<https://www.edcast.com/>

Edinburgh University, Informatics and Artificial Intelligence
<http://www.ed.ac.uk/schools-departments/informatics/>

Ejenta - Intelligent Agents for Connected Care
<https://www.ejenta.com/>

Emerj – The AI Research and Advisory Company
<https://emerj.com/>

Encog – Encog Machine Learning Framework
<http://www.heatonresearch.com/encog>

Ethics and Governance of Artificial Intelligence
<https://cyber.harvard.edu/research/ai>

Evolutionary Intelligence
<http://www.springer.com/engineering/computational+intelligence+and+complexity/journal/12065>

Executive’s Guide to Developing AI at Scale
<https://www.mckinsey.com/business-functions/mckinsey-analytics/our-insights/executives-guide-to-developing-ai-at-scale#intro>

Exploratory – Democratize Data Science
<https://exploratory.io/>

FacebookResearch> Library for Fast Text Representation and Classification
<https://github.com/facebookresearch/fastText>

Fairness, Accountability, and Transparency in Machine Learning (FAT ML)
<https://www.fatml.org/>

Fast.ai – Making Neural Nets Uncool Again
<http://www.fast.ai/>



Feng-GUI – Predictive Visual Analytics

<http://www.feng-gui.com/>

FloydHub Is Heroku for Deep Learning (DL)

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

Framsticks - Artificial Life - 3D Evolution and Simulation

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

Franz, Inc. Web 3.0's database

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

Free Online Directory of Computing (FOLDOC)

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

From Drug R&D To Diagnostics: 90+Artificial Intelligence Startups In Healthcare

<https://www.cbinsights.com/research/artificial-intelligence-startups-healthcare>

Generative AI

<https://generativeai.net/>

Genus AI - Activate, Engage and Understand Your Customers

<https://genus.ai/>

Gnod – Global Network of Discovery

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

Google AI Blog

<https://ai.googleblog.com/>

GROBID

<https://github.com/kermitt2/grobid>

GrowJo – Fastest Growing Companies Under 1000 Employees

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

H2O.ai – Democratize AI

<https://www.h2o.ai/>

Hendrix - The No-Brainer Way To Have More Effective Meetings

<https://hendrix.ai/>



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Heuristics and Artificial Intelligence in Finance and Investment [Book]

<http://aiinfinance.com/>

Hire the Top 3% of AI Engineers

<https://www.toptal.com/hire-ai-engineers>

How Is AI Used In Healthcare - 5 Powerful Real-World Examples That Show The Latest Advances

<https://www.forbes.com/sites/bernardmarr/2018/07/27/how-is-ai-used-in-healthcare-5-powerful-real-world-examples-that-show-the-latest-advances/>

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

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

How To Accelerate Value Creation Through Artificial Intelligence

<https://www.forbes.com/sites/peterbendorsamuel/2017/04/12/how-to-accelerate-value-creation-through-artificial-intelligence/>

How To Learn About The Future Of Artificial Intelligence And Work Without Leaving Your Office

<https://www.forbes.com/sites/laurencoleman/2018/07/17/how-to-learn-about-the-future-of-artificial-intelligence-and-work-without-leaving-your-office/>

Hulbee - Intelligent Answer Engine Swisscows

<https://hulbee.com/>

IBM Artificial Intelligence – Learn How To Operationize AI In Your Business

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

IBM Watson Blog

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

IBM Watson Services – IBM Watson Products and Solutions

<https://www.ibm.com/watson/products-services/>

Imagination-Engines

<http://www.Imagination-Engines.com/>

Import AI – Newsletter About AI Archives

<https://jack-clark.net/>

Index of Best AI/Machine Learning Resources

<https://hackernoon.com/index-of-best-ai-machine-learning-resources-71ba0c73e34d>



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Institute for Human and Machine Cognition (IHMC)

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

Intelligence On Demand – Hybrid AI - Processing Data with Smart AI and Smart(er) Humans

<https://heatintelligence.com/>

Interesting AI Demos and Projects Part of Introduction to Artificial Intelligence CS 540

<http://pages.cs.wisc.edu/~dyer/cs540/demos.html>

International Association of Artificial Intelligence and Law (IAAIL)

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

International Journal on Artificial Intelligence Tools (IJAIT)

<http://www.worldscientific.com/worldscinet/ijait>

Introduction to TensorFlow – An End to End Open Source Machine Learning Platform

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

IRIS.AI – Youe Research Workspace

<https://iris.ai/>

Java Applets for Neural Network and Artificial Life

<http://staff.aist.go.jp/utsugi-a/Lab/Links.html>

JigSaw – Creating Future-Defining Technology

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

Jog.ai – Perfect Memory For All Your Calls

<https://jog.ai/index.html>

Journal of Artificial Intelligence Research

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

Journal of Artificial Societies and Social Simulation (JASSS)

<http://jasss.soc.surrey.ac.uk/JASSS.html>

Journal of Interesting Negative Results in Natural Language Processing and Machine Learning (JINR)

<http://jinr.site.uottawa.ca/>



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Journal of Machine Learning Research

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

Kaggle - Home of Data Science and Machine Learning

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

Keras: The Python Deep Learning Library

<https://keras.io/>

KurzweilAI.net – Accelerating Intelligence

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

Learning Path: An introduction to the Model Asset Exchange

<https://developer.ibm.com/series/create-model-asset-exchange/>

Let's Take an In-Depth Look at Current Advances in Artificial Intelligence by Trevor English

<http://interestingengineering.com/in-depth-look-at-current-advances-artificial-intelligence/>

List of the Best Resources to Learn the Foundations of Artificial Intelligence

<https://medium.com/@rayalez/list-of-the-best-resources-to-learn-the-foundations-of-artificial-intelligence-934dbce5939>

Logic Programming Associates - LPA

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

Lumen5 – Video Creator for Content Marketing

<https://lumen5.com/>

LYREBIRD – Using Artificial Intelligence To Enable Creative Expression

<https://lyrebird.ai/>

Machine Learning Algorithm Cheat Sheet for Microsoft Azure Machine Learning Studio

<https://azure.microsoft.com/en-in/documentation/articles/machine-learning-algorithm-cheat-sheet/>

Machine Learning Cheat Sheet

<https://github.com/soulmachine/machine-learning-cheat-sheet>

Machine Learning for Humans

<https://medium.com/machine-learning-for-humans/why-machine-learning-matters-6164faf1df12>



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Machine Learning from Scratch

<https://github.com/eriklindernoren/ML-From-Scratch>

Machine Learning on AWS

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

Machine Learning Yearning by Andrew Ng

https://gallery.mailchimp.com/dc3a7ef4d750c0abfc19202a3/files/0d2d4a3b-96ab-4a8e-aa15-9320a70852b8/NG_MLY01_10.pdf

Machine Translation

<http://link.springer.com/journal/10590>

Mallet - MACHine Learning for Language Toolkit

<http://mallet.cs.umass.edu/>

Microsoft Azure Cognitive Services

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

Microsoft Cognitive Toolkit

<https://www.microsoft.com/en-us/cognitive-toolkit/>

MindMeld – Conversational AI Platform for Deep-Domain Voice Interfaces and Chatbots

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

Minds and Machines

<http://link.springer.com/journal/11023>

MIRI - Machine Intelligence Research Institute

<https://intelligence.org/>

MIT AI Lab Research Projects

<http://www.csail.mit.edu/research/>

MIT Made an Image Editing AI That Can Replace the Background in any Image

<https://thenextweb.com/artificial-intelligence/2018/08/21/mit-made-an-image-editing-ai-that-can-replace-the-background-in-any-image/>

ML Kit - Machine Learning for Mobile Developers

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

MOA (Massive Online Analysis) – MOA Machine Learning for Data Streams

<http://moa.cms.waikato.ac.nz/>



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Motion AI - Artificial Intelligence Made Easy

<http://motion.ai/>

<https://www.hubspot.com/products/crm/chatbot-builder>

Mycroft AI – The Private and Open Voice Assistant

<https://mycroft.ai/>

Natural Computing: An International Journal

<http://link.springer.com/journal/11047>

Neurence - Intelligent Information Platform

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

Neuroph - Java Neural Network Framework

<http://neuroph.sourceforge.net/>

Neuton TinyML - Disruptive Neural Network Framework

<https://neuton.ai/>

Next Step for Artificial Intelligence: The Autonomous Enterprise by Chuck Hollis

<https://www.forbes.com/sites/oracle/2018/08/23/next-step-for-artificial-intelligence-the-autonomous-enterprise>

[#56eb253126b9](https://www.forbes.com/sites/oracle/2018/08/23/next-step-for-artificial-intelligence-the-autonomous-enterprise/#56eb253126b9)

Notion – Unrivalled Market Intelligence Through Dynamic Global Analysis

<https://notion.ai/>

nTeligence – Experts in Artificial Intelligence

<http://www.nteligence.com/index.html>

Octopus.do – A Lightning Fast Visual Sitemap Builder

<https://octopus.do/>

OECD.AI – Policy Observatory

<https://oecd.ai/>

On-Device AI

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

OpenAI

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

<http://openai.sourceforge.net/>



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OpenAI Baselines: DQN

<https://blog.openai.com/openai-baselines-dqn/>

OpenCV (Open Source Computer Vision Library)

<https://opencv.org/>

OpenCyc - Open Source General KnowledgeBase and Commonsense Reasoning Engine

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

Open Data Science

<https://opendatascience.com/>

Otter.ai - AI for Everyday Conversations

<https://otter.ai/>

Pandorabots

<https://home.pandorabots.com/en/>

Paper Digest - Artificial Intelligence Summarizes Academic Articles for You

<https://www.paper-digest.com/>

Partnership on Artificial Intelligence

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

Pascal Costanza's Highly Opinionated Guide to Lisp

<http://p-cos.net/lisp/guide.html>

PCAI Artificial Intelligence Magazine

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

Pefin - The World's First AI Financial Advice Platform

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

Perspective – Using Machine Learning to Reduce Toxicity Online

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

pienso – Text Data Deciphered

<http://pienso.com/>

PlaidML – Open Source Tensor Compiler

<https://www.intel.com/content/www/us/en/artificial-intelligence/plaidml.html>



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Plickers

<https://play.google.com/store/apps/details?id=com.plickers.client.android&hl=en>

Positively Shaping Development of Artificial Intelligence

<https://80000hours.org/problem-profiles/positively-shaping-artificial-intelligence/>

Prediction Markets 2023

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

<http://www.2023PredictionMiniguide.com/>

Preparing Adult Workers for the Artificial Intelligence Revolution

<http://policyoptions.irpp.org/magazines/april-2017/preparing-adult-workers-for-the-artificial-intelligence-revolution/>

Preparing for the Future of Artificial Intelligence

<https://www.whitehouse.gov/blog/2016/05/03/preparing-future-artificial-intelligence>

PyTorch – From Research to Production – Open Source Machine Learning Framework

<https://pytorch.org/>

Rasa NLU - Language Understanding for ChatBots and AI Assistants

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

Request for Information on Artificial Intelligence – Science and Technology Policy Office

<https://www.federalregister.gov/documents/2016/06/27/2016-15082/request-for-information-on-artificial-intelligence>

Responsible AI Resources

<https://www.microsoft.com/en-us/ai/responsible-ai-resources>

Rigetti – Think Quantum

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

Robo Brain - Large Scale Computational System That Learns from Publicly Available Internet Resources

<http://robobrain.me/>

RunwayML – The Fastest Way to Edit Video

<https://runwayml.com/>

Second State – Serverless Everywhere

<https://www.secondstate.io/>



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Semantic Scholar - Free Scientific Literature Search and Discovery

<https://allenai.org/semantic-scholar/>

SIGART AI - ACM Special Interest Group on Artificial Intelligence

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

Sigma Knowledge Engineering Environment

<http://sigmakee.sourceforge.net/>

Signum – Automate Your Work with External Data Vendors

<https://signum.ai/>

Snips – AI Private Voice Assistants Using Decentralized Machine Learning, Token-Curated App Store and Decentralized Data Generation

<http://www.snips.ai/>

<https://www.sonos.com/en-us/home>

Squirrel AI Learning – AI Powered K12 Adaptive Instructional System and Services

<https://squirrelai.com/>

SRI's Artificial Intelligence Center

<http://www.ai.sri.com/>

Structure and Interpretation of Computer Programs - Video Lectures by Hal Abelson and Gerald Jay Sussman

<http://groups.csail.mit.edu/mac/classes/6.001/abelson-sussman-lectures/>

Suggested Upper Merged Ontology (SUMO)

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

SummarizeBot – AI and Blockchain Powered SummerizeBot

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

Summarizer Ranks Sentences

http://www.trnmag.com/Stories/2005/042005/Summarizer_ranks_sentences_042005.html

T2T: Tensor2Tensor Transformers

<https://github.com/tensorflow/tensor2tensor>

TensorFlow - Open Source Machine Learning

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



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The 10 Algorithms Machine Learning Engineers Need to Know by James Le
<http://www.kdnuggets.com/2016/08/10-algorithms-machine-learning-engineers.html>

The AI Age – Goldman Sachs Research
<http://www.goldmansachs.com/our-thinking/pages/artificial-intelligence.html>

The AI Journal
<https://www.aijournal.com/>

The Amazing Ways How Artificial Intelligence and Machine Learning Is Used In Healthcare by Bernard Marr
<https://www.forbes.com/sites/bernardmarr/2017/10/09/the-amazing-ways-how-artificial-intelligence-and-machine-learning-is-used-in-healthcare/#2c7118601c80>

The Artificial Intelligence Primer
<https://www.boozallen.com/s/insight/thought-leadership/the-machine-intelligence-primer.html>

The Center for Brains, Minds and Machines at MIT
<https://cbmm.mit.edu>

The Dark Secret at the Heart of AI by Wil Knight
<https://www.technologyreview.com/s/604087/the-dark-secret-at-the-heart-of-ai/>

The Essential Landscape of Enterprise AI Companies
<https://www.topbots.com/essential-landscape-overview-enterprise-artificial-intelligence/>

The Executive's AI Playbook
<https://www.mckinsey.com/business-functions/mckinsey-analytics/our-insights/the-executives-ai-playbook>

The Future of Bots, Messaging and AI by Murray Newlands
<http://www.business2community.com/business-innovation/future-bots-messaging-ai-01923203#QWvvyUudkFxJbZv1.97>

The Future of Work: The Intersection Of Artificial Intelligence and Human Resources
<https://www.forbes.com/sites/jeannemeister/2017/03/01/the-future-of-work-the-intersection-of-artificial-intelligence-and-human-resources/>

The Future Show with Professor Andy Pardoe
<https://www.theaifutureshow.com/>



The Grid – Tool Using Artificial Intelligence To Build Your Ultimate Website
<http://www.TheGrid.io/#82>

The Growth of Artificial Intelligence in E-commerce
<http://redstagfulfillment.com/growth-of-artificial-intelligence-in-e-commerce/>

The Massive HedgeFund Betting On AI by Adam Satariano and Nishant Kumar
<https://www.bloomberg.com/news/features/2017-09-27/the-massive-hedge-fund-betting-on-ai>

The Quartz Guide To Artificial Intelligence: What Is It, Why Is It Important, and Should We Be Afraid? By Dave Gershgor
<https://qz.com/1046350/the-quartz-guide-to-artificial-intelligence-what-is-it-why-is-it-important-and-should-we-be-afraid/>

The State of Artificial Intelligence Infographic
<http://www.appcessories.co.uk/artificial-intelligence/>

The Ultimate Artificial Intelligence Resources Guide
<http://labs.openviewpartners.com/artificial-intelligence-resources-guide/>

The WIRED Guide to Quantum Computing
<https://www.wired.com/story/wired-guide-to-quantum-computing>

Things That Think
<http://ttt.media.mit.edu/index.html>

Thinking Machine 4
<http://turbulence.org/spotlight/thinking/index.html>

Top 10 Roles in AI and Data Science
<https://www.kdnuggets.com/2018/08/top-10-roles-ai-data-science.html>

Top 20 Research Papers on Machine Learning and Deep Learning by Thuy T. Pham
<https://www.kdnuggets.com/2017/04/top-20-papers-machine-learning.html>

Top Artificial Intelligence Startups in 2023
<https://angel.co/startups/industry/artificial-intelligence>

Toxic Comment Classifier
<https://developer.ibm.com/exchanges/models/all/max-toxic-comment-classifier/>



Transactions of the Japanese Society for Artificial Intelligence (TJSAI)

<http://www.jstage.jst.go.jp/browse/tjsai>

Trennd - Discover Exploding Trends

<https://explodingtopics.com/>

<https://trennd.co/>

Universe - Measurement and Training for Artificial Intelligence

<https://universe.openai.com/>

University of Cambridge Research - The Future of Intelligence

<http://www.cam.ac.uk/research/news/the-future-of-intelligence-cambridge-university-launches-new-centre-to-study-ai-and-the-future-of>

University of Arizona Artificial Intelligence Lab

<http://ai.arizona.edu/>

Using Artificial Intelligence To Create Invisible UI

<http://www.7wdata.be/data-warehousing/using-artificial-intelligence-to-create-invisible-ui/>

Vicarious – Intelligent Automation

<http://vicarious.com/>

Voices in AI: Great Conversations with Leaders in AI, Machine Learning, and Data Science

<https://www.kdnuggets.com/2017/10/gigaom-voices-ai-podcast.html>

Watson –IBM Watson Is AI for Smarter Business

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

Weka 3 – Machine Learning Software in Java

<http://www.cs.waikato.ac.nz/ml/weka/index.html>

What Consumers Really Think About AI: A Global Study

<https://www.pega.com/ai-survey>

What Is Artificial Intelligence?

<http://www-formal.stanford.edu/jmc/whatisai/whatisai.html>

What’s the Difference Between Artificial Intelligence, Machine Learning and Deep Learning

<https://blogs.nvidia.com/blog/2016/07/29/whats-difference-artificial-intelligence-machine-learning-deep-learning-ai/>



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Wikipedia – Artificial Intelligence

http://en.wikipedia.org/wiki/Artificial_intelligence

WildFire AI Content Creation Service

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

WIT.ai – Build Natural Language Experiences

<https://wit.ai/>

World Class AI Experts Share What Their Favorite Algorithm Is

<https://thenextweb.com/contributors/2018/08/04/ai-experts-favorite-algorithms-siraj-raval/>

Zeef – Artificial Intelligence

<https://zeef.com/?query=Artificial%20Intelligence&in=all>

Awarenesswatch™ Spotters

Academic and Scholar Search Engines and Sources 2023 – February 2023 Edition

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

Internet Annotated Link Dataset Compilation titled “Academic and Scholar Search Engines and Sources 2023” is now a 89-page research paper listing selected resources both new and existing that will help anyone who is attempting to find academic and scholarly information and knowledge available on the Internet. Each source is described along with the URL address than can be accessed. It is freely available as a PDF file (911KB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) [Completely updated with all links validated and new URLs added: **February 1,, 2023**]. Other white papers are available by clicking [here](#).

Updated> 2023 Genealogy MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023Genealogyminiguide.pdf>

<http://www.2023GenealogyMiniGuide.com/>

The 2023 Genealogy MiniGuide has just been created and is now a 20-page freely available link compilation for a selected group of competent genealogy resources that are available over the Internet. These resources are designed to be your Genealogy Library and to give you the latest and greatest genealogy resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete genealogy library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been



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added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released on **December 23, 2022**; 20 pages; 481KB PDF]

Deep Web Research and Discovery Resources 2023 – February 2023 Edition

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

I have just updated my white paper link dataset compilation and now titled **Deep Web Research and Discovery Resources 2023** and it is now a 96-page PDF document (1298 KB) freely available directly from the above URL. This update verified all links as well as reviewed all resources covered including adding additional links. Currently, this has been downloaded over 12,000,000+ times! [Updated on **February 3, 2023**]

Updated> 2023 Education MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023Educationminiguide.pdf>

<http://www.2023EducationMiniGuide.com/>

The **2023 Education MiniGuide** has just been created and is now a 43-page freely available link compilation for a selected group of competent education resources that are available over the Internet. These resources are designed to be your Education Library and to give you the latest and greatest education resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete new education library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released on **December 26, 2022**; 43 pages; 888KB PDF]

Open Educational Resources (OER) Sources 2023 – February 2023 Edition

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

“Open Educational Resources (OER) Sources 2023 are freely accessible, openly licensed text, media, and other digital assets that are useful for teaching, learning, and assessing as well as for research purposes” [Wikipedia]. Costs continue to rise for students who are pursuing college and post-graduate degree programs. By leveraging best practice sites, services, and non-traditional options to expand knowledge, skills, and abilities in many disciplines, students can choose from a wide range of options to complete their respective goals. This freely available guide, Open Educational Resources (OER) Sources 2023, is a comprehensive listing of useful open educational resources, sources, and sites on the Internet that can assist you in optimizing your learning opportunities. This will be added to [OERSearchEngine.com](#). This will be added to [Education and Academic Resources](#) Subject Tracer™. This will be added to [Student Research Resources](#) Subject Tracer™. Completely updated including all links validated on **February 6, 2023**. [72 pages; 1253KB PDF]



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Updated> 2023 ChatterBots MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023ChatterBotsminiguide.pdf>

<http://www.2023ChatterBotsMiniGuide.com/>

The 2023 ChatterBots MiniGuide has just been created and is now a 26-page freely available link compilation for a selected group of competent chatterbots resources that are available over the Internet. These resources are designed to be your ChatterBots Library and to give you the latest and greatest chatterbots resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete chatterbots library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released on **December 27, 2022**; 26 pages; 771KB PDF]

New Normal Startup Resources 2023 – February 2023 Edition

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

http://whitepapers.VirtualPrivateLibrary.net/New_Normal_Startup_Resources.pdf

The white paper link dataset compilation of the **New Normal Startup Resources 2023** Subject Tracer™ Information Resource by [Marcus P. Zillman, M.S., A.M.H.A.](#) has just been updated on **February 8, 2023** and is now a freely available 55-page PDF document (938KB) listing the latest and greatest online resources and sites for new normal startup resources! Other white papers are available by clicking [here](#). This is a MUST publication for every business in today's post COVID-19 world and more!

Updated> 2023 Finding People MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023FindingPeopleminiguide.pdf>

<http://www.2023FindingPeopleMiniGuide.com/>

The 2023 Finding People MiniGuide has just been created and is now a 22-page freely available link compilation for a selected group of competent finding people resources that are available over the Internet. These resources are designed to be your Finding People Library and to give you the latest and greatest finding people resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete finding people library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released on **January 1, 2023**; 22 pages; 697KB PDF]



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March 2023 Zillman Column: 2023 Link Guide to Open Source Intelligence (OSINT) Resources

http://columns.virtualprivatelibrary.net/2023_Link_Guide_OSINT_Resources_Mar23_Column.pdf

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

The March 2023 Zillman Column featuring **2023 Link Guide to Open Source Intelligence (OSINT) Resources** by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This is a comprehensive listing of web OSINT resources, sites, and tools on the Internet and available in the new “zoom” education/learning/business/social age. These competent web OSINT resources and tools will be your search engine for your web OSINT research. The below list of sources is partially taken from my 2023 MiniGuide titled Open Source Intelligence (OSINT) MiniGuide 2023 and is constantly updated with Subject Tracer™ bots at the following URL: <http://www.OSINTminiguide.com/>. These tools, resources, and sources will help you to discover the many pathways available to you through the Internet to find the latest web OSINT resources, sources, and sites. This is another MUST-have column to discover the latest 2023 competent online web OSINT resources and tools to give you the information you need in today’s ever-changing and fast-paced [2023 New Economy](#) business and academic research world and the [New Normal 2023](#).

Updated> 2023 Artificial Intelligence (AI) MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023artificialintelligenceminiguide.pdf>

<http://www.2023AIMiniGuide.com/>

The 2023 Artificial Intelligence (AI) MiniGuide has just been created and is now a 36-page freely available link compilation for a selected group of competent artificial intelligence resources that are available over the Internet. These resources are designed to be your AI Library and to give you the latest and greatest AI resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete Artificial Intelligence library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released : **February 2023**; 36 pages; 644KB PDF]

Updated> 2023 Biological Informatics MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023BiologicalInformaticsminiguide.pdf>

<http://www.2023BiologicalInformaticsMiniGuide.com/>

The 2023 Biological Informatics MiniGuide has just been created and is now a 37-page freely available link compilation for a selected group of competent internet search resources that are available over the Internet. These resources are designed to be your Internet Search Library and to give you the latest and greatest internet search resources available on the Internet. This has been created by Internet guru and expert [Marcus P.](#)



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[Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete internet search library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Updated on: **January 1, 2023**; 37 pages; 693KB PDF]

Fact Check Resources Miniguide 2023 – February 2023 Edition

http://WhitePapers.VirtualPrivateLibrary.net/Fact_Check_MiniGuide_2023.pdf

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

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

The above is a just updated publication **Fact Check Resources Miniguide 2023** by [Marcus P. Zillman, M.S., A.M.H.A.](#). It is a freely available 21-page PDF document (483KB) listing the latest and competent online resources and sites for fact-checking resources! Other white papers are available by clicking [here](#). In today's fake news, disinformation, and misinformation environment, this is a must-needed resource to keep you on the correct path for all your information needs. Also visit my **2022/2023 54 Subject Tracers™** by clicking [here](#). Also visit my just created **2023 MiniGuides** by clicking [here](#). Updated: **February 15, 2023**.

Updated> 2023 Deep Web MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023DeepWebminiguide.pdf>

<http://www.2023DeepWebMiniGuide.com/>

The **2023 Deep Web MiniGuide** has just been created and is now a 101-page freely available link compilation for a selected group of competent deep web resources that are available over the Internet. These resources are designed to be your Deep Web Library and to give you the latest and greatest deep web resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete deep web library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released on **January 1, 2023**; 101 pages; 1411KB PDF]

Updated> DAO Resources 2023

http://whitepapers.virtualprivatelibrary.net/DAO_Resources.pdf

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

Decentralized Autonomous Organizations (DAO) is a term that should keep popping up with more frequency during the blockchain boom. DAOs can improve business operations across any vertical or industry as follows: a). DAOs set steadfast rules; b). DAOs represent the entire organization; c). DAOs encourage widespread engagement; d). DAOs may prompt productivity, and e). DAOs eliminate the chain of command!!



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Updated: **February 17, 2023** 31 pages; 623KB PDF. **NOW including comprehensive NFT, MetaVerse and Mastodon Resources!!**

Open Source Intelligence (OSINT) Miniguide 2023

<http://whitepapers.virtualprivatelibrary.net/OSINTminiguide.pdf>

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

The above-updated miniguide by Internet Expert and Guru [Marcus P. Zillman, M.S., A.M.H.A.](#) has been released today **February 18, 2023** and covers competent resources and links for open source intelligence. This will be added to [Deep Web Research and Discovery Resources 2023](#) on its March 2023 update. This also will be added to [Business Intelligence Resources](#) Subject Tracer; 32 pages; 576KB PDF.

Updated> 2023 Astronomy MiniGuide

<http://www.2023AstronomyMiniGuide.com/>

The 2023 Astronomy MiniGuide has just been created and is now a 28-page freely available link compilation for a selected group of competent astronomy resources that are available over the Internet. These resources are designed to be your Astronomical Library and to give you the latest and greatest astronomy resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete Astronomy library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Updated on **February 20, 2022**; 28 pages; 543KB PDF]

Updated> 2023 Employment MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023employmentminiguide.pdf>

<http://www.2023EmploymentMiniGuide.com/>

The 2023 Employment MiniGuide has just been created and is now a 25-page freely available link compilation for a selected group of competent employment resources that are available over the Internet. These resources are designed to be your Employment Library and to give you the latest and greatest employment resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete Employment library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Updated on **February 21**; 25 pages; 732KB PDF]



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Updated> 2023 Green Files MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023GreenFilesminiguide.pdf>

<http://www.2023GreenFilesMiniGuide.com/>

The 2023 Green Files MiniGuide has just been created and is now a 20-page freely available link compilation for a selected group of competent green and eco resources that are available over the Internet. These resources are designed to be your Green Library and to give you the latest and greatest green and eco resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete Green library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released on **February 23, 2023**; 20 pages; 669KB PDF]

Updated> 2023 Prediction MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023Predictionminiguide.pdf>

<http://www.2023PredictionMiniGuide.com/>

The 2023 Prediction MiniGuide has just been created and is now a 22-page freely available link compilation for a selected group of competent prediction resources that are available over the Internet. These resources are designed to be your Prediction Library and to give you the latest and greatest prediction resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete Prediction library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Updated on **February 25, 2023**; 22 pages; 510KB PDF]

Updated> 2023 Elder MiniGuide

<http://whitepapers.virtualprivatelibrary.net/2023Elderminiguide.pdf>

<http://www.2023ElderMiniGuide.com/>

The 2023 Elder MiniGuide has just been created and is now a 20-page freely available link compilation for a selected group of competent elder and senior resources that are available over the Internet. These resources are designed to be your Elder Library and to give you the latest and greatest elder and senior resources available on the Internet. This has been created by Internet guru and expert [Marcus P. Zillman](#) who is the Executive Director of the [Virtual Private Library](#) and **designed specifically for use on iPads, iPhone, Androids, Smart Phones, and Netbooks/Chromebooks/Laptops**. Your complete Elder library on the go and great for remote education and business needs! Updates to this are powered by [Subject Tracer™](#) Information Bots (STIB). This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. Visit all my [Subject Tracers](#). [Released on **February 28, 2023**; 20 pages; 672KB PDF]



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Awarenesswatch™ Paper Review

Good for Tech: Disability Expertise and Labor in China's Artificial Intelligence Sector by *Di Wu*

<https://firstmonday.org/ojs/index.php/fm/article/view/12887/10754>

Abstract:

People with disabilities are often perceived as being “given” the opportunity to work, rather than “providing” valuable labor. Centering on disabled data workers as experts involved in the quotidian construction of artificial intelligence (AI) systems in China, this article shows that disability expertise and labor can afford a technical edge to AI systems in a certain political economy. In the case examined, the work of consistently synchronizing interpretations of the ambiguous data and elusive rules of smart home systems prefers a stable annotation workforce with coordinated cognition and trained judgment. This technical demand has come to be met by a committed team of skilled disabled workers, who are pushed out from mainstream job market by systemic ableism, and pulled in by disability-informed expertise that reconfigures space, time, and political economy to meet non-normative bodyminds. Through this exceptional case run by a disabled people led organization, I draw attention to disabled people's under-examined role as system-builders of information technologies as opposed to users, victims, or inspirations, and highlight the transformative potential of disability expertise.

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.co/>



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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/>

BioTrechnology Resources

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

Bot Research

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

Intelligence Resources

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

ChatterBots

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

Data Mining Resources

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

Deep Web Research

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

Directory Resources

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

eCommerce Resources

<http://eCommerceResources.info/>

Education and Academic Resources

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

Elder Resources

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

Employment Resources

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



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

Fact Checkers Resources
<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/>

Knowledge Discovery

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

Military Resources

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

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/>



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

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

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

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

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

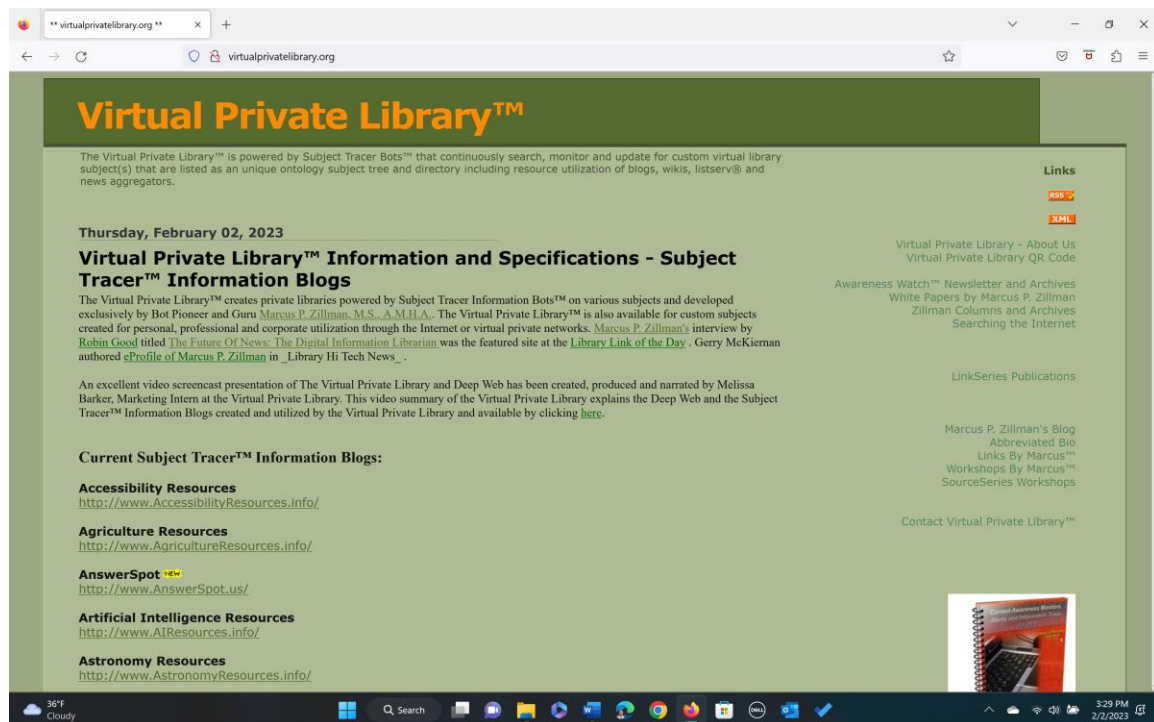


Figure 1: Virtual Private Library™

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



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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 (26,000+ Postings)

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

Marcus P. Zillman Abbreviated Bio

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

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.:

2023 Guide to Searching the Internet

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



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2023 MiniGuides by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.2023MiniGuides.com/>

2023 New Economy Resources

<http://www.2023NewEconomy.com/>

2022 Directory of Directories

<http://www.2022DirectoryOfDirectories.com/>

2022 Guide to Finding Experts by Using the Internet

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

2022 Guide to Finding People Resources and Sites

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

2022 Guide to Internet Privacy Resources and Tools

<http://www.2022InternetPrivacy.com/>

Academic and Scholar Search Engines and Sources 2023

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

Bots, Blogs and News Aggregators 2023

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

Business Intelligence Online Resources 2022

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

Cloud Computing Resources Primer 2022

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

Current Awareness Tools 2023

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

Deep Web Research and Discovery Resources 2023 Online White Paper

<http://DeepWeb.us/>

eMarketing MiniGuide 2023

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

eReference Library Link Toolkit 2022

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



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Fact Check Resources Miniguide 2023

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

Finding Experts By Using the Internet 2022

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

Finding People Resources and Sites 2022

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

Healthcare Bots and Subject Directories 2022

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

Knowledge Discovery Resources 2023

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

New Economy Resources 2023

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

New Normal Startup Resources 2023

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

Online Research Browsers and Data Visualization Tools 2022

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

Online Research Tools 2022

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

Online Social Networking 2022

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

Open Educational Resources (OER) Sources 2023

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

Open Source Intelligence Miniguide 2023

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

Searching the Internet 2023

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

Social Informatics 2022

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



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Subject Tracers 2022/2023

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

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2022

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

Web Data Extractors 2023

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

Web Guide for the New Economy 2023

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

White Papers 2022/2023 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/>

<http://www.CurrentAwarenessTools.com>

Marcus P. Zillman's latest reports Current Awareness Monitors, Alerts and Information Traps and Current Awareness Tools 2020 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.



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This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

Market Intelligence Resources

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

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

Entrepreneurial Links 101

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

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

Internet Privacy and Security Resources

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

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

Research Resources Online Guide

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

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

The Survivor's Manual for The New Economy.

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

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts,



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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.

