

# Awareness Watch™ Newsletter

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

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

V22N5

May 2024

Welcome to the V22N5 May 2024 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, New Normal 2024 and Generative Artificial Intelligence world!!

## **Awareness Watch™ Featured Report**

This month’s featured report covers **Prediction Markets 2024** and is a comprehensive listing of competent Internet prediction pathfinders resources and tools including the new economy including generative ai and new normal internet directories, subject guides and index resources and sites on the Internet available for the 2024 year. The below list is taken partially from Prediction Markets 2024 and is constantly updated with my Subject Tracer™ bots at the following URLs:

<http://www.PredictionMarkets.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 prediction pathfinders research 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 prediction pathfinder to all the new and existing competent prediction research tools and resources on the Internet.

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Awareness Watch V22N5 May 2024 Newsletter

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## **Prediction Markets 2024:**

### **Articles, Papers and Journals:** (Current and Historic Archived)

**A Decomposition of Forecast Error in Prediction Markets by Miroslav Dudik, Sebastien Lahaie, Ryan Rogers, and Jennifer Vaughan**

<https://arxiv.org/abs/1702.07810>

**A Good Idea With Bad Press by Hal R. Varian**

<http://people.ischool.berkeley.edu/~hal/people/hal/NYTimes/2003-07-31.html>

**An Introduction to Artificial Prediction Markets for Classification by A. Barbu**

<http://www.jmlr.org/papers/volume13/barbu12a/barbu12a.pdf>

**A Prediction Market for Inflation or Deflation by Justin Wolfers**

<https://www.nytimes.com/2015/03/08/upshot/derivatives-market-shows-a-rising-fear-of-deflation.html>

**Ask Your Customers for Predictions, Not Preferences by Julie Wittes Schlack**

<https://hbr.org/2015/01/ask-your-customers-for-predictions-not-preferences>

**Best Guess: Economists Explore Betting Markets as Prediction Tools**

<https://onlinelibrary.wiley.com/doi/abs/10.2307/4019085>

**CFTC Targets Prediction Markets, Hits First Amendment**

<http://techliberation.com/2012/12/12/cftc-targets-prediction-markets-hits-first-amendment/>

**Charts for Prediction and Chance by Mario Markus**

<http://www.worldscientific.com/worldscibooks/10.1142/p516>

**Cipher – Evolve the Way Your Organization Competes**

<https://www.cipher-sys.com/>

**Consensus 2017: Global Insurers Debate the Future of Prediction Markets**

<https://www.coindesk.com/consensus-2017-insurers-blockchain-prediction-markets/>

**Corporate Prediction Markets: A Roundup of the Major Players by Alistair Roche**

<https://hackernoon.com/corporate-prediction-markets-a-roundup-of-the-major-players-3632b5d3cf09>



**Crowdsourced Outcome Determination in Prediction Markets by Rupert Freeman, Sebastien Lahaie and David M. Pennock**  
<https://arxiv.org/abs/1612.04885>

**Don't Bet On It – The Economist**  
<http://www.economist.com/news/finance-and-economics/21567382-intrade-retreats-american-regulators-dont-bet-it>

**Do Prediction Markets Produce Well-Calibrated Probability Forecasts?**  
<http://onlinelibrary.wiley.com/doi/10.1111/j.1468-0297.2012.02561.x/abstract>

**Economists Explore Betting Markets as Prediction Tools by Erica Klarreich Science News Online**  
<http://onlinelibrary.wiley.com/doi/10.2307/4019085/abstract>

**Edward Tufte: Ask E.T. Forum - Prediction Markets**  
[http://www.edwardtufte.com/bboard/q-and-a-fetch-msg?msg\\_id=0000fs&topic\\_id=1](http://www.edwardtufte.com/bboard/q-and-a-fetch-msg?msg_id=0000fs&topic_id=1)

**Forecasting: Principles and Practice (3<sup>rd</sup> ed)**  
<https://otexts.com/fpp3/>

**Foretelling the Future: Online Prediction Markets by John Stossel and Maxim Lott**  
<http://www.abcnews.go.com/Business/Stossel/story?id=4813558&page=1>

**Gaming Prediction Markets – Equilibrium Strategies with a Market Maker**  
[http://dash.harvard.edu/bitstream/handle/1/5027877/chen\\_algorithmica\\_author.pdf?sequence=1](http://dash.harvard.edu/bitstream/handle/1/5027877/chen_algorithmica_author.pdf?sequence=1)

**How To Get Better At Predicting the Future by Kelsey Piper**  
<https://www.vox.com/future-perfect/2019/4/5/18290870/forecasting-tetlock-prediction-markets-betting>

**How to Future by Kevin Kelly**  
<https://www.bespacific.com/how-to-future/>

**Idea Futures. Prediction Markets, Information Markets by Robin Hanson**  
<http://hanson.gmu.edu/ideafutures.html>

**Information Aggregation Mechanisms: Concept, Design and Implementation For a Sales Forecasting Problem by Kay-Yut Chen and Charles R. Plott**  
<http://ideas.repec.org/p/ctl/sswopa/1131.html>

**Insider Trading and Prediction Markets by Hanson – Semantic Scholar**  
<https://pdfs.semanticscholar.org/60af/8c3d3e3c634d632454bc535c4f48c73f8060.pdf>

**International Journal of Business Forecasting and Marketing Intelligence**  
<http://www.inderscience.com/jhome.php?jcode=ijbfmi>

**Investopedia – Prediction Market**  
<http://www.investopedia.com/terms/p/prediction-market.asp#axzz2I3bcn800>

**Issues In Information Market Design by Robin Hanson**  
<http://hanson.gmu.edu/infomkts.html>

**Journal of Prediction Markets**  
<http://econpapers.repec.org/article/bucjpredm/>

**Mercury's Blog by Jed Christiansen**  
<http://blog.mercury-rac.com/>

**Midas Oracle - Prediction Markets For All by Chris. F. Masse (Last Updated 2011)**  
<http://www.midasoracle.org/>

**Mining the Web to Predict Future Events by Kira Radinsky and Eric Horvitz**  
[http://research.microsoft.com/en-us/um/people/horvitz/future\\_news\\_wsdm.pdf](http://research.microsoft.com/en-us/um/people/horvitz/future_news_wsdm.pdf)

**Online Prediction via Continuous Artificial Prediction Markets by F. Jahedpari**  
<https://www.computer.org/csdl/mags/ex/2017/01/mex2017010061-abs.html>

**Pentagon Wants AI to Predict Events Before They Occur by Natasha Bajema**  
[https://spectrum.ieee.org/predictive-ai-pentagon?share\\_id=6724117](https://spectrum.ieee.org/predictive-ai-pentagon?share_id=6724117)

**Prediction Market “Bets Of Bitcoin” Available to U.S. Customers**  
<http://www.forbes.com/sites/jonmatonis/2012/12/06/prediction-market-bets-of-bitcoin-available-to-u-s-customers/>

**Prediction Market Journal**  
<http://ubplj.org/index.php/jpm/index>

**Prediction Market Manipulation: A Case Study**  
<http://rajivsethi.blogspot.com/2012/11/prediction-market-manipulation-case.html>

**Prediction-Markets**  
<https://www.gwern.net/Prediction-markets>



**Prediction Markets and Loss Aversion by Scott Sumner**

[http://econlog.econlib.org/archives/2017/05/prediction\\_mark.html](http://econlog.econlib.org/archives/2017/05/prediction_mark.html)

**Prediction Markets Attracting New Breed of Investor by Darryn Pollock**

<https://cointelegraph.com/news/prediction-markets-attracting-new-breed-of-investor>

**Prediction Markets by Justin Wolfers and Eric Zitzewitz**

<http://www.nber.org/papers/w10504>

**Prediction Markets for Economic Forecasting by Erik Snowberg, Justin Wolfers and Eric Zitzewitz**

<http://www.nber.org/papers/w18222>

**Prediction Markets for Science: Is the Cure Worse Than the Disease? By Michael Thicke**

<http://www.tandfonline.com/doi/abs/10.1080/02691728.2017.1346720?journalCode=tsep20>

**Prediction Markets in Theory and Practice**

<http://www.nber.org/papers/w12083>

**Prediction Markets, Mechanism Design, and Cooperative Game Theory**

<http://www.cs.duke.edu/~conitzer/predictionUAI09.pdf>

**Prediction Markets – Wikipedia**

[https://en.wikipedia.org/wiki/Prediction\\_market](https://en.wikipedia.org/wiki/Prediction_market)

**Predict the Future? You Can Bet on It by Peter Wayner**

<http://www.nytimes.com/2003/10/02/technology/circuits/02mark.html?th>

**Pricing Political Risks with Prediction Markets by Justin Wolfers**

<https://siepr.stanford.edu/research/publications/pricing-political-risks-prediction-markets>

**Re-Discovering Prediction Markets by Vladislav Dramaliev**

<https://blog.aeternity.com/re-discovering-prediction-markets-ac2e780bb263>

**Scientists Show Prediction Polls Can Outdo Prediction Markets by Michele W. Berger**

<https://phys.org/news/2017-03-scientists-polls-outdo.html>

**Test Run – Introduction To Prediction Markets by James McCaffrey**

<https://msdn.microsoft.com/en-us/magazine/mt707531.aspx>



**The Coming Revolution in Information Markets by Robert W. Hahn, Paul C. Tetlock**

<https://www0.gsb.columbia.edu/mygsb/faculty/research/pubfiles/4147/Big%20Ideas%20The%20Market's%20Last%20%20Frontier.pdf>

**The Definitive Guide To Marketing Metrics and Analytics**

<http://pages2.marketo.com/dg2-marketing-metrics.html>

**The Failure of State-Designed Markets By Casey Khan**

<http://www.mises.org/daily/1321>

**The Good Side of the Terror Futures Idea (Yes, There Is One) By Dr. David M. Pennock**

<http://dpennock.com/pam.html>

**The Inevitability of Predicting the Future by Tim De Chant**

<http://www.pbs.org/wgbh/nova/next/tech/predicting-the-future/>

**The Journal of Prediction Markets**

<http://ubplj.org/index.php/jpm/index>

**The Power of Prediction Markets by Adam Mann**

<https://www.nature.com/news/the-power-of-prediction-markets-1.20820>

**The Real Power of Artificial Markets**

<http://artificialmarkets.com/>

**The Wisdom of Public Prediction Markets**

<http://blog.longnow.org/02008/09/04/the-wisdom-of-public-prediction-markets/>

**Tiny Time Mixers (TTMs): Fast Pre-trained Models for Enhanced Zero/Few-Shot Forecasting of Multivariate Time Series**

<https://arxiv.org/pdf/2401.03955.pdf>

**Toronto Prediction Market Blog (Last updated June 2012)**

<http://torontopm.wordpress.com/>

**Use of Prediction Markets to Forecast Infectious Disease Activity by Philip M. Polgreen, Forrest D. Nelson, George R. Neumann, and Robert A. Weinstein**

<https://academic.oup.com/cid/article/44/2/272/330878>



**Using Prediction Markets to Track Information Flows: Evidence from Google** by Bo Cowgill, Justin Wolfers and Eric Zitzewitz

<http://www.bocowgill.com/GooglePredictionMarketPaper.pdf>

**Wait, Lets Talk About This** by Ken Nesmith, Andrew C. Thomas, and Jonathan Wang

[http://tech.mit.edu/V123/N36/36dissent\\_36e.html](http://tech.mit.edu/V123/N36/36dissent_36e.html)

<https://thetech.com/>

**What Weird Futures Can You Buy? A Guide To Online Prediction Markets** by Brendan I. Koerner

[http://www.slate.com/articles/news\\_and\\_politics/explainer/2003/07/whatweird\\_futures\\_c\\_an\\_you\\_buy.html](http://www.slate.com/articles/news_and_politics/explainer/2003/07/whatweird_futures_c_an_you_buy.html)

**Who Will Lead the Senate? Follow the Prediction Markets**

[http://www.nytimes.com/2014/10/12/business/which-way-the-senate-first-go-back-to-the-basics.html?\\_r=0&abt=0002&abg=1](http://www.nytimes.com/2014/10/12/business/which-way-the-senate-first-go-back-to-the-basics.html?_r=0&abt=0002&abg=1)

**Wikipedia – Prediction Market**

[http://en.wikipedia.org/wiki/Prediction\\_market](http://en.wikipedia.org/wiki/Prediction_market)

## **RESOURCES:**

**A Crowd-Driven Forecasting Platform Using Prediction Markets To Help You Get Smarter About Your Most Important Decisions**

<https://www.cultivatelabs.com/forecasts>

**Augur Protocol – The Future of Forecasting**

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

**Business Prediction Market – Prediki New Strategies and New Products**

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

**Center for Gaming Research**

<http://gaming.unlv.edu/>

**Consensus Point - Foresight Prediction Market Server**

<http://www.consensuspoint.com/solutions/>

**Cultivate Labs – Crowdsourced Forecasting**

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



**DataFox - Understand and Predicts Trends In the Private Tech Sector**

<http://www.datafox.co/>

<https://www.oracle.com/corporate/acquisitions/datafox/>

**Data Mining Resources 2023**

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

**DataRobot - Build Better Predictive Models - Faster**

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

**Decentralized Prediction Markets**

<https://defiprime.com/prediction-markets>

**Foresight Exchange**

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

**Future Brief**

<http://futurebrief.wordpress.com/>

**Generative AI Resources 2024**

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

**Good Judgment® Open**

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

**Good Judgment – See the Future Sooner**

<https://goodjudgment.com/>

**Gnosis Prediction Markets**

<https://github.com/gnosis>

**Hollywood Stock Exchange! HSX**

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

**Ideas Futures Prediction Markets Systems**

<http://sourceforge.net/projects/ideafutures/>

**I Know First - Daily Market Forecast**

<http://iknowfirst.com/>

**Imagination-Engines**

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





**Imagining the Internet - Elon/Pew Predictions Database**

<http://www.elon.edu/e-web/imagining/>

**Introducing the New TinyTimeMixers (TTMs): Compact Pre-Trained Models from IBM Research Team**

[https://www.linkedin.com/posts/armand-ruiz\\_introducing-the-new-tinytimemixers-ttms-activity-7183418563620216832-0IQG](https://www.linkedin.com/posts/armand-ruiz_introducing-the-new-tinytimemixers-ttms-activity-7183418563620216832-0IQG)

**Investopedia – Prediction Market**

<https://www.investopedia.com/terms/p/prediction-market.asp>

**Iowa Electronic Markets IEM**

<http://tippie.uiowa.edu/iem/>

**Kaggle - Data Mining, Forecasting and BioInformatics Competitions**

<http://kaggle.com/>

**Launching Forecast – A Community for Crowdsourced Predictions from Facebook**

<https://www.lesswrong.com/posts/CZRyFcp6HSyZ7Jj8Q/launching-forecast-a-community-for-crowdsourced-predictions>

**Long Bets - Accountable Predictions**

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

**Mastodon Resources 2024**

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

**Metaculus – Community Dedicated ty Generating Accurate Predictions**

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

**Mintigo Predictive Marketing Platform – Now Part of Anaplan**

<https://www.anaplan.com/mintigo/>

**Obviously.ai – Data Predictions in Minutes, Without Writing Code**

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

**Open MetaVerse Resources 2024**

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

**Open Prediction Markets**

<http://openpredictionmarkets.org/>



**Open Source Intelligence (OSINT) MiniGuide 2024**

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

**PAM - Policy Analysis Market**

<http://hanson.gmu.edu/policyanalysismarket.html>

**PlayTally – Mobile-First Web Platform That Powers Immersive, Free-to-Play, Real-Time Prediction Experiences**

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

**Predictive Analytics**

<https://www.ibm.com/analytics/predictive-analytics>

**Prediction Markets – Crunchbase**

<https://www.crunchbase.com/search/organizations/field/organizations/categories/8c09868f-b82e-6e44-5908-384b5980db03>

**Prediction Markets for Science**

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

**PredictIt – Predicting Political and Financial Events**

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

**Predicto – Make Predictions About the Future Events and Earn Money**

<https://www.predictoapp.com/welcome>

**PredictWise – Current Predictions**

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

**Public Superforecasts**

<https://goodjudgment.io/superforecasts/>

**Recorded Future - Robust Tools for Temporal and Predictive Analysis**

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

**Sauder School of Business – Prediction Markets**

<https://predictionmarkets.ca/>

**simExchange - Prediction Market for Video Games**

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

**Superforecasting: The Art & Science of Prediction – Summary**

<https://www.richardhughesjones.com/superforecasting-summary/>



## **Tellagence - Predicts How Information Will Move**

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

## **TradeSmarter™ - Innovative Binary Option Trading Platform**

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

## **Trennd – Discover Exploding Trends**

<https://trennd.co/>

## **Vertex AI**

<https://cloud.google.com/vertex-ai>

## **Zocalo - Toolkit for Building Prediction Markets**

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

## **Awarenesswatch™ Spotters**

### **Academic and Scholar Search Engines and Sources 2024 – April 2024 Edition**

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

[Click to access Scholar.pdf](#)

Internet Annotated Link Dataset Compilation titled “Academic and Scholar Search Engines and Sources 2024” is now an 90-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 (891KB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) [Completely recreated with all links validated and new URLs added: **April 1, 2024**. Other white papers are available by clicking [here](#).

### **Updated> Crowd Funding Resources 2024**

[http://whitepapers.virtualprivatelibrary.net/Crowd\\_Funding\\_Resources\\_2024.pdf](http://whitepapers.virtualprivatelibrary.net/Crowd_Funding_Resources_2024.pdf)

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

The above white paper link dataset compilation of the [Crowd Funding Resources 2024 Subject Tracer™](#) by [Marcus P. Zillman, M.S., A.M.H.A.](#) is a freely available 21-page PDF document (539KB) listing the latest and greatest online resources and sites for crowd funding! Updated: **April 2, 2024**. Other white papers are available by clicking [here](#). Additional 2024 Zillman Publications are available [here](#).



## Deep Web Research and Discovery Resources 2024 – April 2024 Edition

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

I have just updated my white paper link dataset compilation and now titled **Deep Web Research and Discovery Resources 2024** and it is now a 108-page PDF document (1.38MB) 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 **April 3, 2024**]

## Updated> Grid, Distributed and Cloud Computing Resources Primer 2024

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

I am very pleased to announce that I have just updated my **Grid, Distributed and Cloud Computing Resources Primer 2024**. This primer is now a 27-page PDF document (467KB) and is freely available from the above URL. This primer gives an excellent overview of Cloud Computing along with a comprehensive listing of cloud, grid, and distributed computing resources! It will be permanently archived in my [White Papers](#) site and is also available from my main [site](#). [Updated with all links validated and new links added on **April 4, 2024**]

## Open Educational Resources (OER) Sources 2024 – April 2024 Edition

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

“Open Educational Resources (OER) Sources 2024 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 2024, 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 **April 6, 2024**. [76 pages; 1.18MB PDF]

## New Normal Startup Resources 2024 – April 2024 Edition

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

[http://whitepapers.VirtualPrivateLibrary.net/New\\_Normal\\_Startup\\_Resources.pdf](http://whitepapers.VirtualPrivateLibrary.net/New_Normal_Startup_Resources.pdf)

The white paper link dataset compilation of the **New Normal Startup Resources 2024** Subject Tracer™ Information Resource by [Marcus P. Zillman, M.S., A.M.H.A.](#) has just been updated on **April 9, 2024** and is now a freely available 55-page PDF document (828KB) 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!

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Awareness Watch V22N5 May 2024 Newsletter

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### Updated> Current Awareness Tools 2024

[http://whitepapers.virtualprivatelibrary.net/current\\_awareness\\_tools\\_2024.pdf](http://whitepapers.virtualprivatelibrary.net/current_awareness_tools_2024.pdf)

Research white paper titled “**Current Awareness Tools 2024**” is a 19-page research paper listing many resources both new and existing that will help anyone who is attempting to find information and knowledge research about current awareness tools available on the Internet. It is freely available as a PDF file (268KB) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) It was recreated on **April 11, 2024**. Other white papers are available by clicking [here](#). Direct URL Bookmark: <http://www.CurrentAwarenessTools.com/>

### May 2024 Zillman Column: 2024 Link Guide to Fact Finder Resources

[http://columns.virtualprivatelibrary.net/2024\\_Link\\_Guide\\_Fact\\_Finder\\_Resources\\_May24\\_Column.pdf](http://columns.virtualprivatelibrary.net/2024_Link_Guide_Fact_Finder_Resources_May24_Column.pdf)

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

The May 2024 Zillman Column featuring **2024 Link Guide to Fact Finder Resources** by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This is a comprehensive listing of niched internet fact finder resources, sites, and tools on the Internet and available in the new “zoom” education/learning/business/social age. These competent Internet fact finder resources as well as open metaverse, ChatGPT and Generative AI resources and tools will be your search engine for your Internet research. The below list of sources is partially taken from my Fact Check MiniGuide 2024 and is constantly updated with Subject Tracer™ bots at the following URL: <http://www/FactCheckMiniGuide.com/>. These tools, resources, and sources will help you to discover the many pathways available to you through the Internet to find the latest Internet fact finder resources and open metaverse, chatgpt and generative ai research resources, sources, and sites for current awareness. This is another MUST have column to discover the latest 2024 competent niched online fact finder research resources and tools to give you the information you need in today’s ever-changing and fast-paced [2024 New Economy](#) business and academic research world and the [New Normal 2024](#).

### Updated> Web Data Extractors 2024

[http://WhitePapers.VirtualPrivateLibrary.net/Web\\_Data\\_Extractors.pdf](http://WhitePapers.VirtualPrivateLibrary.net/Web_Data_Extractors.pdf)

Research white paper link compilation titled “Web Data Extractors 2024” is an updated 25-page research paper listing many resources both new and existing that will help anyone who is attempting to find information and knowledge research about web data extraction on the Internet. It is freely available as a PDF file (721KB) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) Updated on **April 16, 2024**. Other white papers are available by clicking [here](#).

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



## Healthcare Bots and Subject Directories 2024

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

Healthcare Bots and Subject Directories 2024 is a 31-page research paper listing selected resources both new and existing that will help anyone who is attempting to find the latest information about healthcare search engines and healthcare subject directories available on the Internet. It is freely available as a PDF file (781KB) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) It was updated on **April 18, 2024**. Other white papers are available by clicking [here](#).

## Updated> Green Files 2024

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

The above white paper link dataset compilation of the [Green Files 2024](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) is a freely available 20-page PDF document (453KB) listing the latest and greatest online resources and sites for the environment and all things green! Updated on **April 13, 2024**. Other white papers are available by clicking [here](#). All of my 2024 publications and my 2023 MiniGuide Series are available by clicking [here](#).

## LLRX> 2024 Link Guide to Generative AI Resources

<https://www.llrx.com/2024/03/2024-link-guide-to-generative-ai-resources/>

Marcus P. Zillman's guide is a selective listing of open Generative AI resources that includes current awareness reports, guides, research tools, resources and applications from the open metaverse and Chat GPT. These references include AI best practices to facilitate implementation of AI technology within specific sectors and critical areas that involve engaging subject matter. expertise to deliver internal and external client and customer services. The sources are the work of AI entrepreneurs and experts, consulting groups, government, academe, the evolving global AI sector, and informative cheat sheets, prompt guides and articles published on LinkedIn. Also available pdf from my April 2024 Zillman Column by clicking [here](#).

## Updated> 2024 Guide to Searching the Internet

[http://WhitePapers.VirtualPrivateLibrary.net/2024\\_Guide\\_To\\_Searching\\_the\\_Internet.pdf](http://WhitePapers.VirtualPrivateLibrary.net/2024_Guide_To_Searching_the_Internet.pdf)

<http://www.2024SearchingTheInternet.com/>

Searching the Internet is now as commonplace as driving a car and most people consider the use of just one search engine to obtain the results that they are looking for. This guide is designed to open your eyes to the many excellent resources on the Internet to search for information and/or to discover new knowledge in 2024 and the new land of artificial intelligence based searching!!! This paper will explain to you a number of ways to search for information on the Internet and methods to continue your searches and knowledge discovery without depending on Bing or Google! This paper is also designed for the “newbie” to the Internet or for the person who only uses one source to search for information on the Internet. Of course, there are many hidden jewels for the seasoned

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Awareness Watch V22N5 May 2024 Newsletter

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searcher!! **2024 Guide to Searching the Internet**: Updated on **April 27, 2024** 23 pages; 761KB PDF.

### **Updated> Prediction Markets 2024**

[[Download Prediction Markets 2024 White Paper Link Dataset Compilation](#)]

Prediction Markets 2024 ([PredictionMarkets.com](#)) and Information Futures Markets ([InformationFuturesMarkets.com](#)) are Subject Tracer™ Information Blogs developed and created by the [Virtual Private Library™](#). They are designed to monitor prediction and information futures markets on the World Wide Web and listed below. We always welcome suggestions of additional sites and resources to be added to this comprehensive listing and please submit by clicking [here](#). This site has been developed and maintained by Marcus P. Zillman, M.S., A.M.H.A.; Internet [expert](#), [author](#), [keynote speaker](#), and [consultant](#). His latest white papers include [2024 Guide to Searching the Internet](#), [Academic and Scholar Search Engines and Sources 2024](#), and [Knowledge Discovery Resources 2024](#). All of his Subject Tracer™ Information Blogs and his white papers are available from [WhitePapers.us](#). His latest monthly column is available by clicking [here](#). Subscribe to his free monthly **Awareness Watch™** Newsletter. Learn more by clicking [here](#). Updated on **February 13, 2024**; 23 pages; 457KB PDF. © 2007 – 2024 Marcus P. Zillman, M.S., A.M.H.A.

### **Awarenesswatch™ Paper Review**

**Instagram As a Narrative Platform** by *Mariya Kozharinova and Lev Manovich*  
<https://firstmonday.org/ojs/index.php/fm/article/view/12497/11435>

#### **Abstract:**

Even though Instagram has been the subject of numerous studies, none of them have systematically investigated its potential as a narrative medium. This article argues that Instagram's narrative capabilities are comparable to those of literature and film. To support our claims, we analyze a number of prominent female Instagram creators and demonstrate how they employ the platform's diverse features, functionalities, and interface to create multi-year biographical narratives. Furthermore, we discuss the applicability of theories developed in literary and film studies in analyzing Instagram's narrative capabilities. By employing Bakhtin's influential chronotope concept, we examine in depth how these narratives make specific use of space and time. Additionally, we compare time construction in film and Instagram narratives using the cinema studies' theory of narrative time in movies.



## **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/>

### 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.BIOOnlineResources.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/>

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/>

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/>

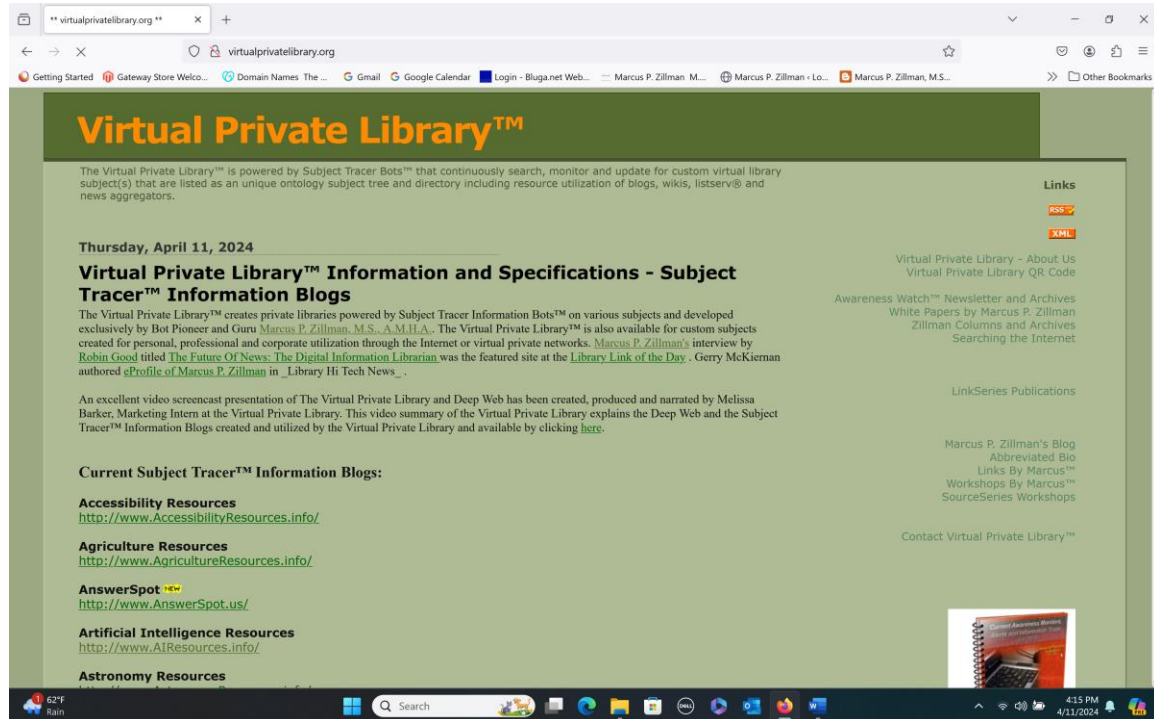


Figure 2: Virtual Private Library™

**Author Information:** Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies. Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

**Marcus P. Zillman's Blog (26,000+ Postings)**

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

**Marcus P. Zillman Abbreviated Bio**

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



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

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<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.:**

**2024 Directory of Directories**  
<http://www.2024DirectoryOfDirectories.com/>

**2024 Guide to Searching the Internet**  
<http://www.SearchingTheInternet.info/>

**2024 New Economy Resources**  
<http://www.2024NewEconomy.com/>

**2024 Reference Resources**  
<http://www.2024ReferenceResources.com/>

**2023 MiniGuides Series and 2024 Publications by Marcus P. Zillman, M.S., A.M.H.A.**  
<http://www.2023MiniGuides.com/>



**2022/2023 Guide to Finding Experts by Using the Internet**

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

**2022/2023 Guide to Finding People Resources and Sites**

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

**2022/2023 Guide to Internet Privacy Resources and Tools**

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

**Academic and Scholar Search Engines and Sources 2024**

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

**Bots, Blogs and News Aggregators 2024**

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

**Business Intelligence Online Resources 2022/2023**

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

**Cloud Computing Resources Primer 2024**

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

**Current Awareness Tools 2024**

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

**Deep Web Research and Discovery Resources 2024 Online White Paper**

<http://DeepWeb.us/>

**eMarketing MiniGuide 2024**

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

**eReference Library Link Toolkit 2022/2023**

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

**Fact Check Resources Miniguide 2024**

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

**Finding Experts By Using the Internet 2022/2023**

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

**Finding People Resources and Sites 2022/2023**

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



**Generative AI Resources 2024**

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

**Healthcare Bots and Subject Directories 2022/2023**

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

**Knowledge Discovery Resources 2024**

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

**Mastodon Resources 2024**

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

**New Economy Resources 2024**

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

**New Normal Startup Resources 2024**

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

**Online Research Browsers and Data Visualization Tools 2024**

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

**Online Research Tools 2023**

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

**Online Social Networking 2022/2023**

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

**Open Educational Resources (OER) Sources 2024**

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

**Open MetaVerse Resources 2024**

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

**Open Source Intelligence Miniguide 2024**

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

**Searching the Internet 2024**

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

**Social Informatics 2022/2023**

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



### **Subject Tracers 2022/2023/2024**

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

### **Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2024**

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

### **Web Data Extractors 2024**

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

### **Web Guide for the New Economy 2024**

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

### **White Papers 2022/2023/2024 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, 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.

