

Philosophy

Group-think and a herd mentality plague conventional financial market research, undermining the utility of traditional surveys and economic data in understanding our interconnected world. Arbor Data Science offers a potent blend of innovative models, alternative data and domain knowledge to give our clients a new perspective on the global economy and financial markets. Our philosophy is not to 'wow' clients with complex models, but to put the right data and tools in the hands of decision makers.

The New Wave of Economic Indicators

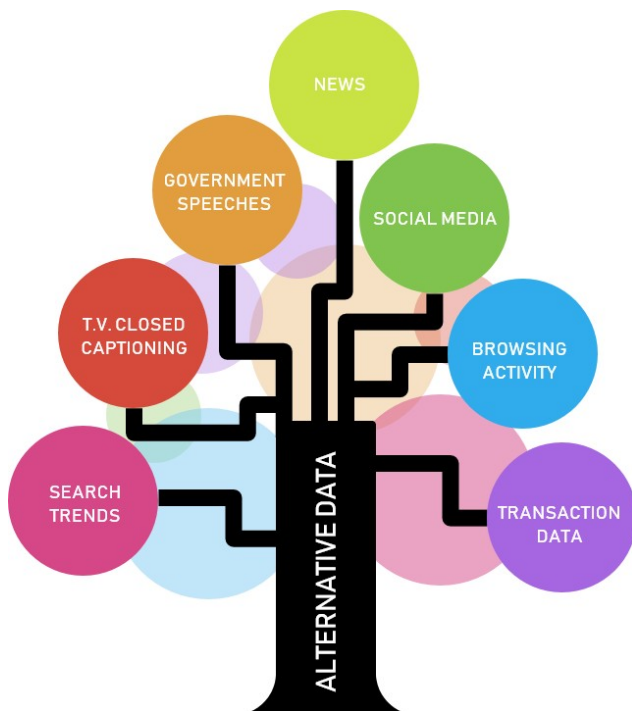
Arbor Data Science clients have embraced a new wave of leading economic indicators. Our team of data scientists leverage alternative data sources, including: social media, Google searches, news trends, government speeches, and more, to anticipate changes in economic growth and financial market performance. Arbor Data Science uses search trends to burrow into the minds of consumers and business owners. This lens into the purchasing and investing decisions of consumers and businesses offers direct insights into economic activity without the lag of officially-reported data.

Real-time Measures of Sentiment and Uncertainty

Spoken words on television and news trends offer real-time measures of sentiment and uncertainty about markets and the economy. The relationship between news and financial markets is fluid. We trace the flow of information across financial and news networks to gauge how opportunities and risks evolve.

Clear and Concise Communication

Arbor Data Science taps into these unstructured and under-used data sources to help clients understand and anticipate changes in their business. We take pride in communicating cutting edge methods in easily understood terms with an emphasis on visual content. We specialize in reducing the complex into understandable, bite-size information allowing decision-makers to act faster.



About Us

Our team of data scientists has been working together in financial markets for 18+ years. They draw upon a broad experience from years spent providing pattern recognition and risk management services to institutional investors, designing and managing a portfolio of algorithmic trading systems for futures markets, and years of providing data-driven analysis on financial markets.

Data science has seen tremendous growth in a wide range of industries, but many financial services firms remain bogged down in spreadsheets full of tabular data. For the past several years, Ben and his team have worked to find new ways of measuring and predicting the performance of financial markets and the economy. They take pride in offering exciting new data sources and methods to their clients.

Ben and his team provide daily commentary and data-driven analysis for institutional clients of Arbor Research & Trading and Bianco Research. Their work is frequently featured in the Wall Street Journal, Financial Times, Bloomberg, and more.

Arbor Data Science Services



Research Subscription – Weekly Updates, Daily Data Points, Webinars

Weekly Updates on the themes and opportunities we see in global markets, along with a detailed look at U.S. credit markets.

Daily Data Points give readers an alternative data focused tour of the latest issues affecting financial markets and the economy.

Access to content on the Arbor Data Science website includes webinars hosted by the data science team.

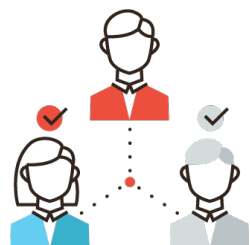


Data Services – Direct Access to Alternative Data

The alternative data behind our research are the raw materials for clients to use in their own investment processes and other work flows. To help clients leverage these sources, we offer access to underlying data on a subscription basis.

Natural Language Processing of Federal Reserve Communications presents a quantified view of the themes and biases in Federal Reserve communication and an expected path for the Fed Funds rate.

Global Search Trends - processed search trends offer a clear view of the underlying trends in search activity for over 140 categories covering consumer spending, industry, credit & lending, real estate and more.



Consultancy Services – Tailored Solutions for Alternative Data

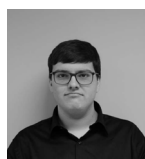
Alternative data has the potential to inform and improve decision making across organizations. Clients often inquire how they can incorporate alternative data into their own processes. Working hand in hand with our IT team, Arbor Data Science offers tailored solutions for clients.

Solutions include custom models, dashboards, analysis of bespoke data and workflows including data retrieval, processing, modeling and visualization. Speaking engagements and live presentations / webinars for internal groups. Work is performed in the context of a master services agreement between Arbor Data Science and the client, and individual scope of work agreements for each individual project, including confidentiality agreements as necessary.



Benjamin Breitholtz — Chief Data Scientist

Ben is well-known for his coverage of central bank policies, inflation and broad macroeconomic themes. He has run the gamut of analysis from producing algorithmic trading strategies to getting deep into the minds of consumers using search trends and social media. Ben earned a Bachelors degree in Finance from the University of Wisconsin, Madison, and a Masters of Science in Predictive Analytics from Northwestern University.



Anthony Rizzo — Data Scientist

Anthony works to support the Arbor Data Science team on the front lines of analysis. Diving deep into large data sets and producing noteworthy visualizations is his game. Anthony earned a Bachelors degree in Statistics from the University of Illinois at Urbana-Champaign.

Contact us for more information:

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