RavenPack

The leading provider of real-time big data analytics in financial services

RavenPack Analytics-as-a-Service

RavenPack is a pioneer in big data analytics for financial services firms. Professionals rely on RavenPack forits speed and accuracy in analyzing large amounts of unstructured data and transforming it into real-time structured data to support systematic trading, investment, market-making, risk management and surveillance solutions.

RavenPack helps financial services firms solve the common issues associated with profiting from big data - volume, variety, velocity and veracity. RavenPack clients can focus on their core businesses rather than trying to deal with the complexity and size of unstructured data sets.

RavenPack can ingest unstructured content from any source and, within milliseconds of receipt, turn it into structured data that clients can use as an input to their systematic applications.

The company's clients include many of the world's best-performing quantitative hedge funds, banks and financial technology providers.

Structured data in Milliseconds

RavenPack structures data into five key dimensions:

ENTITIES –Systematic detection of global companies, currencies, commodities, financially relevant organisations, positions and key geographical locations when they are mentioned in unstructured data

EVENTS – RavenPack detects when these entities are involved in key scheduled and unexpected corporate, macroeconomic and geopolitical events or themes

RELEVANCE – The technology can differentiate between an entity being involved in an event, and how deeply, or if it's just being mentioned

NOVELTY – These metrics allow the user to tell, across all data sources, whether a detected event is new, a repeat, or a continuation of a pre-existing event or theme

SENTIMENT – RavenPack applies both traditional natural language processing and proprietary techniques to determine entity-specific sentiment

Use Cases

ASSET MANAGEMENT – Build or subscribe to factors that deliver orthogonal alpha across all asset classes

RESEARCH – Provide unique aspects to quantitative and fundamental analysis; control for news and social media in research

MEDIA – Attract attention to your content by adding unique analytics to your website or article

BROKERAGE & MARKET-MAKING – Detect and instantly react to unscheduled events that may impact your performance

RISK & COMPLIANCE – Monitor accumulation of adverse sentiment, detect headline risk, or reduce false positives from market abuse alerts

SOFTWARE VENDORS – Build an innovative position by adding powerful Big Data analytics to your offering

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Cutting Edge Technology

RavenPack's proprietary text analysis technology platform underpins the company's services and solutions. It is both a set of tools and a design philosophy, whose purpose is to gather, collect, and analyze large amounts of information, quickly and accurately, to provide clients with structured data and analysis in real time.

Data is meaningless without context, and RavenPack's technology allows the firm to organize very large data sets coherently and to rapidly perform complex computer calculations, always within specific contexts. This approach enables the acquisition, classification, storage and analysis of unstructured information from almost any type of media or data source.

Innovative & Extensive Research

RavenPack has the most extensive research program in the industry dedicated to researching the use of unstructured data in financial services. RavenPack's own quantitative research team takes part in all aspects of the business, from product development to sales support. It has produced dozens of papers on the practical applications of RavenPack data and presided over just as many papers by leading sell-side research firms and academics.

About RavenPack

RavenPack is a pioneer in big data analytics for financial services firms. It provides analytics as a service to financial professionals by transforming unstructured content into actionable information in real-time. Since 2003, the company has been at the forefront of data analytics, making its mark in large scale news and social media analysis to help financial professionals make better investment decisions. We have the best performing quantitative hedge funds, asset managers and investment banks as customers.

Customer Service and Support

If you would like further information on RavenPack or any of our products and services, including trials, please contact our sales team at:

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