

The Securities Industry Harnesses the Power of Big Data

In the past few years, the securities industry has been inundated with data. Companies have been burdened with the requirements of dynamic regulatory compliance demanding intense analysis and more in-depth reporting. With the current surge in data volume, meeting compliance timelines is becoming nearly impossible.

Kyligence Enterprise

-  Petabyte-scale Data Sets
-  1,000+ Concurrent Users
-  Sub-second Latency
-  Rich API Support
-  Visualized Intelligent Modeling
-  Monitoring and Optimization
-  Seamless BI Integration

While adoption of big data technology is unstoppable, IT budgets often fund business defense rather than business innovation. This is coming in the form of fraud detection and regulatory compliance. Meanwhile, most systems have proven unable to store, aggregate, and analyze massive amounts of customer and service data from a variety of sources. These aging systems lack the applications necessary for harnessing big data.

Careful design and planning disciplines must be adopted for a big data architecture to ensure security, risk management, and regulatory compliance. With challenges across technology requirements, fund competition, and dynamic compliance, quickly adopting the best big data platform is a major challenge for brokerages.

Solution

Financial Securities companies need an ecosystem with data at the center, using the specialized applications of Big Data and Artificial Intelligence. They need Kyligence Enterprise, the unified and centralized big data platform on Hadoop. The Kyligence platform enables companies to **significantly speed up analysis** and accelerate their time-to-insights. With the **end-to-end self-service platform**, securities companies can build and improve independent big data systems for business users. Brokerages can be far more competitive, quickly adjusting to changing needs.

Kyligence enables enterprises to improve the quality of insights through in-depth, enriched explorations of massive transaction data sets. Analysts can forecast market expectations and risks, enabling the business to innovate more quickly and **improve risk mitigation**. Kyligence Enterprise a better data governance system, enabling enterprises to break down data silos, improve business efficiency, and expand the scope and depth of data applications

Why Kyligence?

Kyligence provides a unified platform that supports rapid adjustment to changing business needs and market demands. Financial Securities companies can innovate more quickly, enhance service offerings, and improve services levels through precision marketing with massive data sets. Brokerages can be sure they target the right customers, strengthen conversion and retention metrics, and improve their customer relationships through more effective customer data profile analyses. With the ability to rapidly accelerate insights on Kyligence, businesses can compete far more effectively than in the past.

Strengths

-  Multi-dimensional Analysis
-  No Data Capacity Limits
-  Data Management
-  Granular Access Control
-  Detailed Pushdown Queries
-  Unified Semantic Layer
-  No Coding Required

Kyligence removes development, maintenance, and operational complexity from big data analysis. The platform helps enterprises move away from rigid analysis and time-consuming data management cycles, and onto a platform that supports intuitive and interactive, multidimensional visualizations for thousands of concurrent users.

How It Works

By connecting to existing operations, maintenance, and metadata management systems, Kyligence provides both seamless adoption experience, as well as enhanced automation and usability. Kyligence Enterprise provides data sharing and interactive query services for downstream business application systems, through data subscription, RESTful APIs, and strict data access rights.

Business operations data can be processed with distributed storage and computation on the big data platform with sub-second analysis capabilities on petabyte-scale data sets. Enterprises can take advantage of real-time monitoring, and automated data acquisition, cleaning, and modelling.

Improved Operations

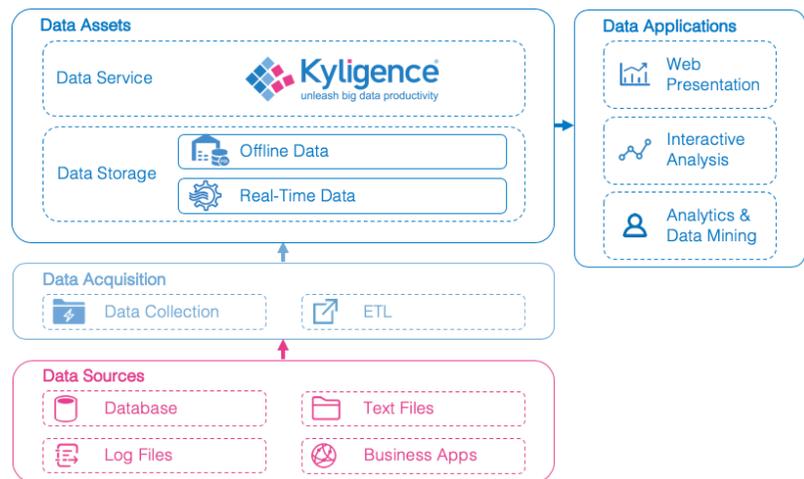
Quick and accurate monitoring of branch operations, using one-stop decision support.

Improved Risk Management

Granular access controls and data management, enabling a unified semantic layer across the enterprise.

Maximized Return-on-Investment

Ability to evaluate petabytes of data with hundreds of dimensions, enabling the company to quickly innovate, strengthen business relationships, and make critical business decisions.



Next Steps

Schedule a short conversation with a member of our team to learn how Kyligence can address your specific challenges. Visit our website and fill out the request form at <http://kyligence.io>, or send an email to info@kyligence.io.

About Kyligence

Kyligence Inc. is the leading data intelligence company that focuses on big data analytics technology innovation, founded by the creators of Apache Kylin. Kyligence is a next-generation big data analytics platform, using machine learning to automate both data preparation and insight discovery at massive scale. With extremely high performance for all data analysts and business users, Kyligence is being used by over 1,000 organizations around the globe, with many leading enterprises among them.

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