

Accelerate BI on Big Data

Technology Solution Overview

Kyligence Enterprise

- Petabyte-scale Data Sets
- 100,000+ Concurrent Users
- Sub-second Latency
- Rich API Support
- Visualized Intelligent Modeling
- Monitoring and Optimization
- Seamless BI Integration

Strengths

- Multi-dimensional Analysis
- Detailed Pushdown Queries
- Hundreds of Dimensions
- Hundreds of Indicators
- Self-service Deployments
- No Coding Required

Enterprises are continuing to expand and adopt new technology, leading to larger and more complex systems. Simultaneously, companies are generating increasingly massive volumes of data to better understand and serve their target markets. To analyze this data fast and exploit the business value, several BI tools have been widely adopted by corporations and used for many years., but as data continues to increase, it is becoming much more difficult to support the needs of data analysis by using the traditional technical architecture.

At the same time, data engineering is becoming more difficult, the process is getting longer, and IT is engaging in repetitive work to meet business needs. With average query response times of over 5 minutes, the traditional architecture is hindering business development and innovation. Enterprises need a modern big data analytics platform to satisfy the requirements of high performance, high concurrency and high efficiency to improve the efficiency of data analysis. At the same time, teams don't want to rebuild their original reports. They expect their existing IT investments to be protected during any migration.

Solution

Kyligence provides the intelligent analytics platform that enables enterprises to make a streamlined migration to the big data architecture. Built upon Hadoop, Kyligence integrates seamlessly with popular BI applications, and provides rapid insights to an existing enterprise portal. Responding to queries on petabytes of data in less than a second, Kyligence can handle hundreds-of-thousands of concurrent users for the modern enterprise. Users can easily access relevant data sets with the front-end BI tools that they are used to, analyzing data with drag-and-drop features.

Engineers can create data models for various topics and business lines, then publish them to business analysts. The platform transforms technical tables and fields into the user-friendly metrics and dimensions of data models, easily understood by business users.

Why Kyligence?

With Kyligence, enterprises can easily enable the OLAP layer on big data, while seamlessly integrating with the front-end tools that they know and love.

Accelerated Time-to-Insights

On tens-of-billions rows of data, query times can be less than one second, improving performance by hundreds of times.

Improved IT Efficiency

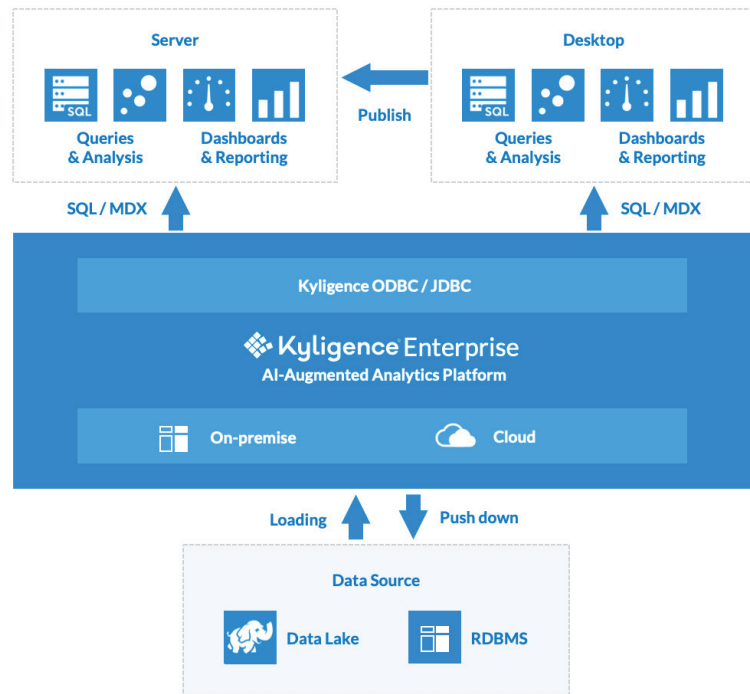
Business personnel can analyze big data independently. Development cycles for technical teams can be shortened from months to days.

Simplified Deployment

Translating technical definitions into BI application files, the dimensions, metrics, and hierarchies are synchronized with one click, eliminating the need for repetitive modeling.

How it works

Kyligence Enterprise connects to the data sources on the Hadoop platform and accelerates queries with a standard SQL interface. BI tools can connect directly to Kyligence Enterprise through ODBC or JDBC drivers and send queries for real time and interactive analysis, and technical teams don't need rewrite existing applications. When a query hits Kyligence, results can be returned in sub-seconds, realizing the fastest analysis experience for analysts in high-concurrency scenarios.



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 <https://kyligence.io>, or send an email to info@kyligence.io.

About Kyligence

Kyligence Inc. is the company accelerating productivity with managed data services – on-premise to multi-cloud. Kyligence provides an AI-augmented data platform for analysts and data engineers, automating data management, discovery, interaction, and insight. Kyligence was founded by early contributors to Apache Kylin, and the Kyligence platform is being used by over 1,000 organizations around the globe, with many leading enterprises among them.

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