

Migrating from Cognos® Power Cubes® to Accelerate Time-to-Insights

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

Strengths

- No Size Limits for Cubes
- Hundreds of Dimensions
- Detailed Pushdown Queries
- Hundreds of Metrics
- Granular Access Control
- Scalable Architecture
- No Coding Required

Enterprises are transforming as they manage exploding volumes of data and analysis requirements. They are faced with increasing demands from analysts and managers who are running complex calculations with sophisticated data models. Their technology often lacks support for TBs of daily data, hundreds of concurrent users, complex analyses, and fast queries. Unable to effectively use big data, enterprises are migrating from IBM Cognos to their own analytics platforms on Hadoop, but this has introduced many new challenges.

While Hadoop technology can help merge many categories of data, Cognos PowerCubes aren't very compatible. This leaves companies unable to perform multidimensional, interactive analysis on big data. Huge volumes of data go unused instead of adding value. With Cognos PowerCubes limited to 2GB, companies often have thousands of cubes to manage, thousands of tasks, and still have average response times of 15-60 minutes. Not to mention, data management has become excessively difficult.

Solution

To stay competitive, companies need Big Data OLAP technology on a distributed architecture. They must be able to quickly extract value from distributed, multi-dimensional data sources and be free from the data capacity limitations of Cognos. Kyligence provides limitless granularity for over one hundred dimensions, with cell-level access control, while eliminating the limitations of a single-node, scale-up architecture.

Kyligence Enterprise easily replaces the back-end, without disrupting use of Cognos front-end visualization. It has seamless integration with common BI tools, so enterprises can quickly switch data sources while they continue to use existing front-end tools, such as Cognos BI, Power BI, Tableau, or Qlik, without disrupting user habits. It's an intelligent approach to agile migration, enabling efficiency improvements, complex analytics, and accelerated deployment cycles. Enterprises can now support new services and enhance data exploration with higher capacity and better performance.

Why Kyligence?

Break through the size, dimension, and access control limitations of Cognos, while getting blazing fast performance.

Reduced Ops and IT Costs

Both resources and data management time are reduced by eliminating Cognos cubes. Data modeling is augmented by AI in an interactive interface, without any coding.

Accelerated Time-to-Insights

Sub-second query speeds on data sets beyond 1 trillion rows, with stable and reliable performance.

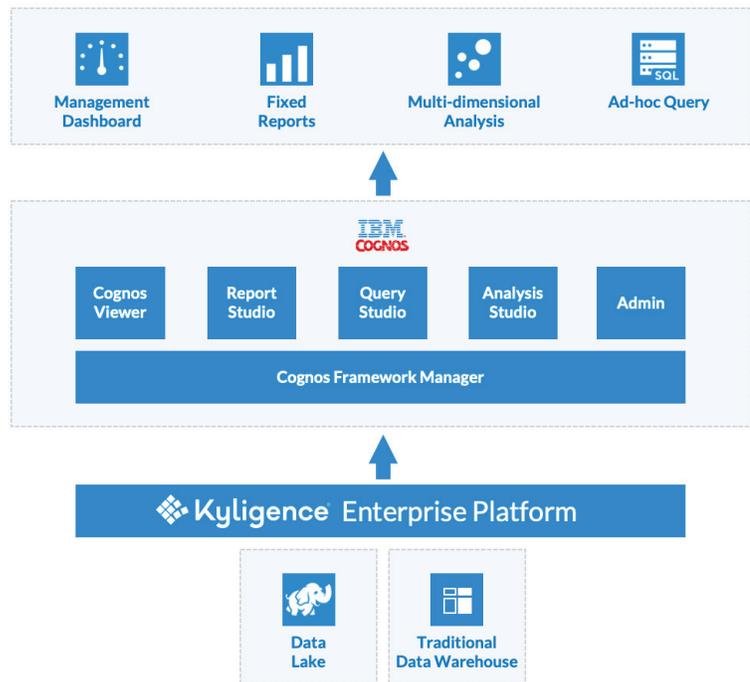
Enterprise-Level Scalability

Flexible and scalable, companies can open big data analytics to every department, partner, and customer, with multi-tenancy capability. Supports linear scalability of storage and computing resources.

How it works

Kyligence constructs replacement cubes on either the Hadoop platform or traditional relational databases, reducing potentially thousands of PowerCubes to just one, minimizing complexity and resources. Users don't need to move underlying data or change front-end applications.

Data warehouses, data marts from business-lines, and traditional OLAP cubes can be easily integrated, reducing operational and maintenance costs.



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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