

Native Analytics on Marklogic

Deliver Powerful Business Insights. Instantly.

WHY NATIVE MATTERS

Marklogic is a multi-model database built on powerful NoSQL technology enabling enterprises to store and query large amounts of multi-structured data. Marklogic is quickly becoming an integral part of many enterprise data stacks who aim to revolutionize their digital experience.

However, while Marklogic users are swinging for the digital innovation fences, their pace of transformation is often slowed because of existing analytics platforms. Most existing analytics platforms are architected to understand well-structured data. As a result, your modern Marklogic data must be moved, transformed and stored back in a relational structure, either through custom coding or ETL, for most existing analytics platforms to work.

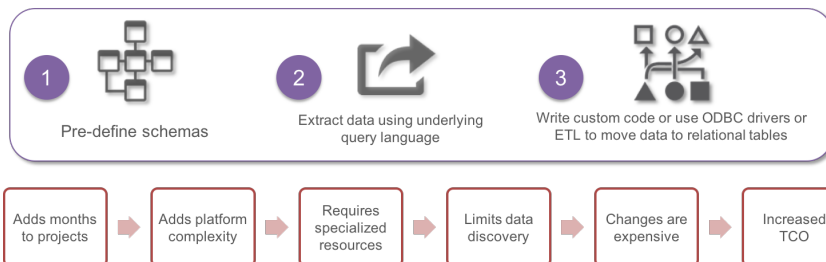


Figure 1. Hidden Costs of SQL-Based Business Intelligence Tools

Business teams are forced to wait for IT to define schemas, build new processes, and prep data before they can start visualizing it. In addition to frustrating business teams, adding these transformation steps adds cost, complexity and puts artificial limits on accessible data across the enterprise.

Knowi is part of a new generation of analytics platforms purpose-built for modern data stacks that include structured, unstructured and multi-structured data. Knowi instantly connects to your Marklogic instance, discovers your collections, and enables you to visualize your data, literally in minutes.

SUMMARY

Knowi is a leading provider of NoSQL analytics and includes native integration to Marklogic for instant data reporting, visualizations, and analytics.

KEY FEATURES

- ❖ Native integration to Marklogic
- ❖ XQuery query generation
- ❖ Merge Marklogic data with other Relational or NoSQL data sources
- ❖ Over 30 visualization types
- ❖ Sharable and embeddable dashboards
- ❖ Integrated Machine Learning
- ❖ OEM Options

MARKLOGIC + KNOWI BENEFITS

- ❖ Instantly visualizes data
- ❖ Simplifies analytics architecture by eliminating ETL
- ❖ Provides the business with a unified view of their enterprise data
- ❖ Automates data-driven actions

For more information, go to our website:

<https://knowi.com/marklogic>

MARKLOGIC + KNOWI: ANALYTICS FOR MODERN DATA

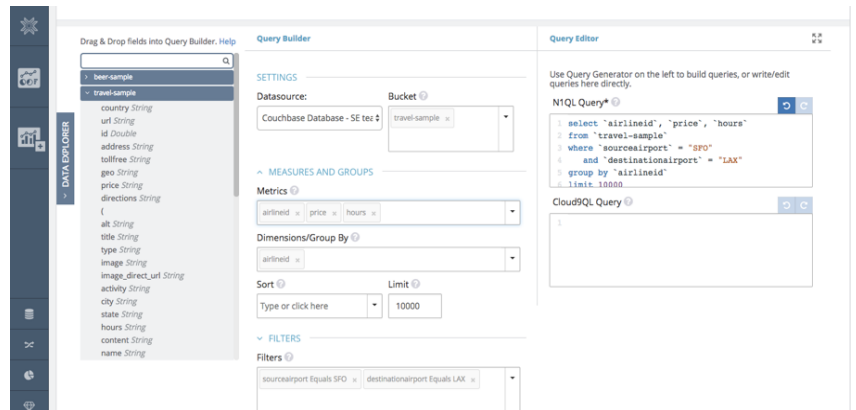
Knowi is a unified business analytics platform that streamlines the process of analytics on Marklogic data enabling you to uncover new insights and unlock more value from your Marklogic investment.

Native Marklogic Integration, Query Generation and Multi-datasource Joins

Knowi integrates natively, enabling users to:

- Instantly discover collections
- Generate native XQuery queries
- Join Marklogic data with other NoSQL, SQL, file-based, or REST-API sources.

With Knowi, you eliminate the need for data prep tools and visualize your Marklogic data in minutes. Knowi's native integration gives you access all the power of XQuery without the learning curve.



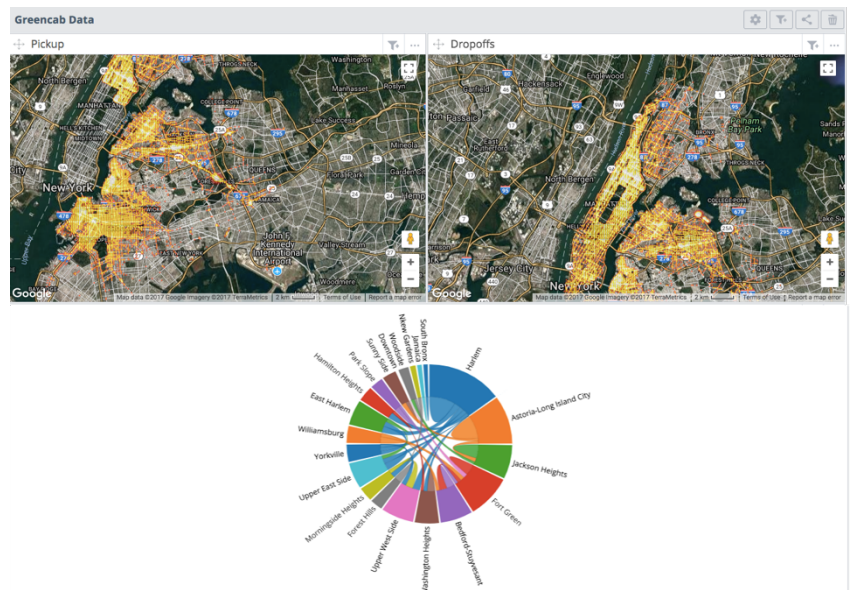
Business-Driven Analytics, Collaboration and Sharing

With over 30 visualizations, business users can customize their dashboards and share them with other users or groups, either individually or automatically. Role-based access controls automatically filter data so users only see the data they are authorized to view. Alternatively, users can generate PDF reports to share with non-Knowi users so analytics data are always accessible.

Embed Dashboards in Data Applications

Data application developers can use Knowi to embed Marklogic analytics directly into their data applications using:

- Simple URL based embedding.
- Secure URL embed with encrypted request payload
- Single SignOn API that enables token exchange



Integrate Machine Learning for Advanced Analytics

Marklogic customers can leverage their data for predictive and prescriptive analytics within the Knowi platform. Use Knowi's built-in algorithms, train and integrate models into your Marklogic analytics workflows and then configure trigger actions based on the results. Knowi quickly enables Marklogic customers to take their data analytics to the next level without any additional investment.