Native Analytics on Couchbase
Deliver Powerful Business Insights. Instantly.

WHY NATIVE *MATTERS*

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

However, while Couchbase 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 Couchbase 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.
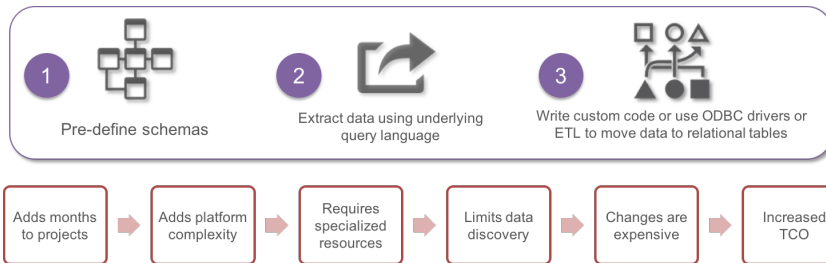

Figure 1. Hidden Costs of SQL-Based Business Intelligence Tools

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 Couchbase instance, discovers your buckets, and enables you to visualize your data, literally in minutes.

SUMMARY

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

KEY FEATURES

- ❖ Native integration to Couchbase
- ❖ N1QL query generation
- ❖ Natural Language queries
- ❖ Visualize Buckets or Dataverse
- ❖ Merge Couchbase data with other Relational or NoSQL data sources
- ❖ Over 30 visualization types
- ❖ Sharable and embeddable dashboards
- ❖ Integrated Machine Learning
- ❖ OEM Options

COUCHBASE + 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/couchbase
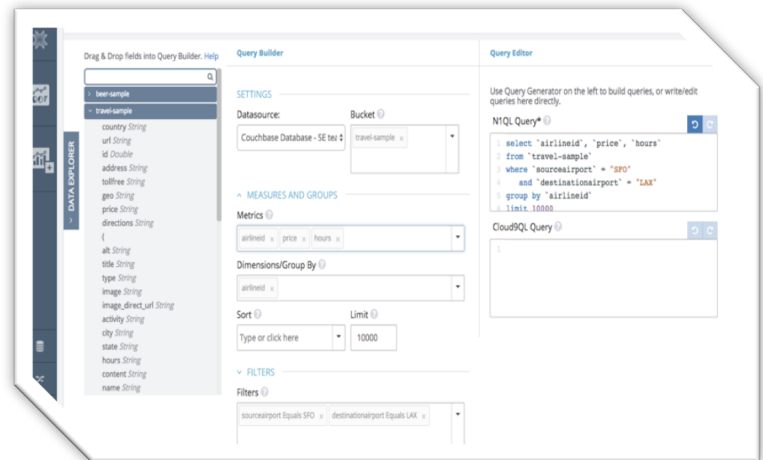
COUCHBASE + KNOWI: ANALYTICS FOR MODERN DATA

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

Native Couchbase Integration, Query Generation and Multi-datasource Joins

Knowi integrates natively, enabling users to:

- Instantly discover buckets or dataverse
- Generate native N1QL queries
- Join Couchbase data with other NoSQL, SQL, file-based, or REST-API sources.

With Knowi, you elimate the need for data prep tools and visualize your Couchbase data in minutes. Knowi's native integration gives you access all the power of N1QL without the learning curve.

Natural Language BI

Make it easy for business teams to use analytics without having to learn a new BI tool. With natural language BI, business users simply type their questions in plain English and instantly get answers they can visualize and share. They can customize the visualizations and create personal dashboards in minutes. With our NLP API, you can enable natural language BI capabilities with applications your business user are already using.

Embed Dashboards in Data Applications

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

- Simple URL based embedding.
- Secure URL embed with encrypted request payload
- Embed API for fine-grained user access control and visualization management

Integrate Machine Learning for Advanced Analytics

Couchbase 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 Couchbase analytics workflows and then configure trigger actions based on the results. Knowi quickly enables Couchbase customers to take their data analytics to the next level without any additional investment.