

CONVERSATIONAL BI FOR ENTERPRISE

The BI that understands your business

— *and the people behind it.*

A conversational analytics layer that connects to your Data Lake, respects your architecture, and lets any decision-maker ask a question in plain English and receive an answer with chart, context, and auditable SQL — with no BI queue.

ENTERPRISE VALUE PROPOSITION



Zero BI queue

Operations, finance, and sales leaders query data in natural language without depending on the BI team or data engineering.



Read-only by design

Read-only architecture enforced at the connection layer. No write, DDL, or data mutation risk — compliance guaranteed.



Deploy in your environment

On-prem, private cloud, or dedicated Kubernetes tenant. Runs next to your Data Lake without exporting data outside your perimeter.



Your own semantic layer

Business term dictionary (revenue, average ticket, margin) mapped to your data model. Your company's language, not the database's.

OPERATIONAL FLOW

STEP 01

Connects to your Data Lake

PostgreSQL, SQL Server, Oracle, MySQL, BigQuery. Read-only credentials, dedicated pool, encrypted connection.

STEP 02

Understands the context

Semantic layer maps business terms, hierarchies, and metrics. Multi-agent orchestrates intent, SQL, and validation.

STEP 03

Answers with audit trail

Chart, table, and narrative context. Generated SQL visible. Query and user logged in append-only audit log.

● TECHNICAL CAPABILITIES

LANGUAGE

Natural Language to SQL

Multi-agent pipeline with intent classification, SQL generation, schema validation, and auto-correction. 35+ techniques implemented.

- Real understanding of questions in multiple languages
- Generated SQL visible and auditable per query
- GROUP BY auto-correction via recursive CTE

DIALECTS

Cross-dialect native

The same question translated to your database's dialect, with error handling classified by SQLSTATE and syntactic differences.

- PostgreSQL, MySQL, SQL Server, Oracle, BigQuery
- 13 error classes x 5 dialects x 100+ codes
- Dedicated timeout and pool per dialect

SEMANTICS

Business semantic layer

Dictionary of terms (net revenue, margin, average ticket) mapped to tables and columns. The business stops depending on the DBA's naming conventions.

- Configurable terms, synonyms, and metrics
- Dimension hierarchies (region, category, branch)
- Schema evolution detection

VISUALIZATION

Charts with validation

Visualization validation pipeline with 14 chart types. The system picks the right chart for the shape of the returned data.

- Bar, line, pie, heatmap, treemap, funnel, etc.
- Automatic validation of axes and aggregations
- CSV, PNG, PDF export, sharing

CHAT

Multi-turn with context

Conversation preserves history, interprets pronouns, and allows progressive refinement of the question. Fewer clicks, more exploration.

- "And last month?" references previous context
- Conversational drilldown across dimensions
- Proactive next-question suggestions

BYOK

Bring Your Own Key (LLM)

You provide your own LLM provider keys (OpenAI, Anthropic, Azure OpenAI, Google) or use private models. Full control of the flow.

- Compatible with GPT, Claude, and Gemini
- Support for on-prem models (vLLM, Ollama)
- Usage and cost visible per workspace

— ARCHITECTURE

— ENTERPRISE DEPLOYMENT MODELS

Dedicated cloud

Isolated tenant on our infrastructure, contractual SLA, DPA, and dedicated support.

Private Cloud

Deploy in your AWS, GCP, or Azure account, next to the Data Lake. Data never leaves your perimeter.

On-premises

Kubernetes install in your data center, integration via read-replica of the analytics database.

