



Insights Pro

GenAI Platform for Enterprise
Insights Generation



Converse with InsightsPro to comprehend your data

Tiger Analytics' Insights Pro is an easy-to-engage conversational agent for generating context-aware business insights from data. This is powered by Large Language Models (LLMs), which, based on their semantic understanding of a question, generate complex codes in any programming language. These range from exploratory analyses to complex visualizations to advanced ML models.

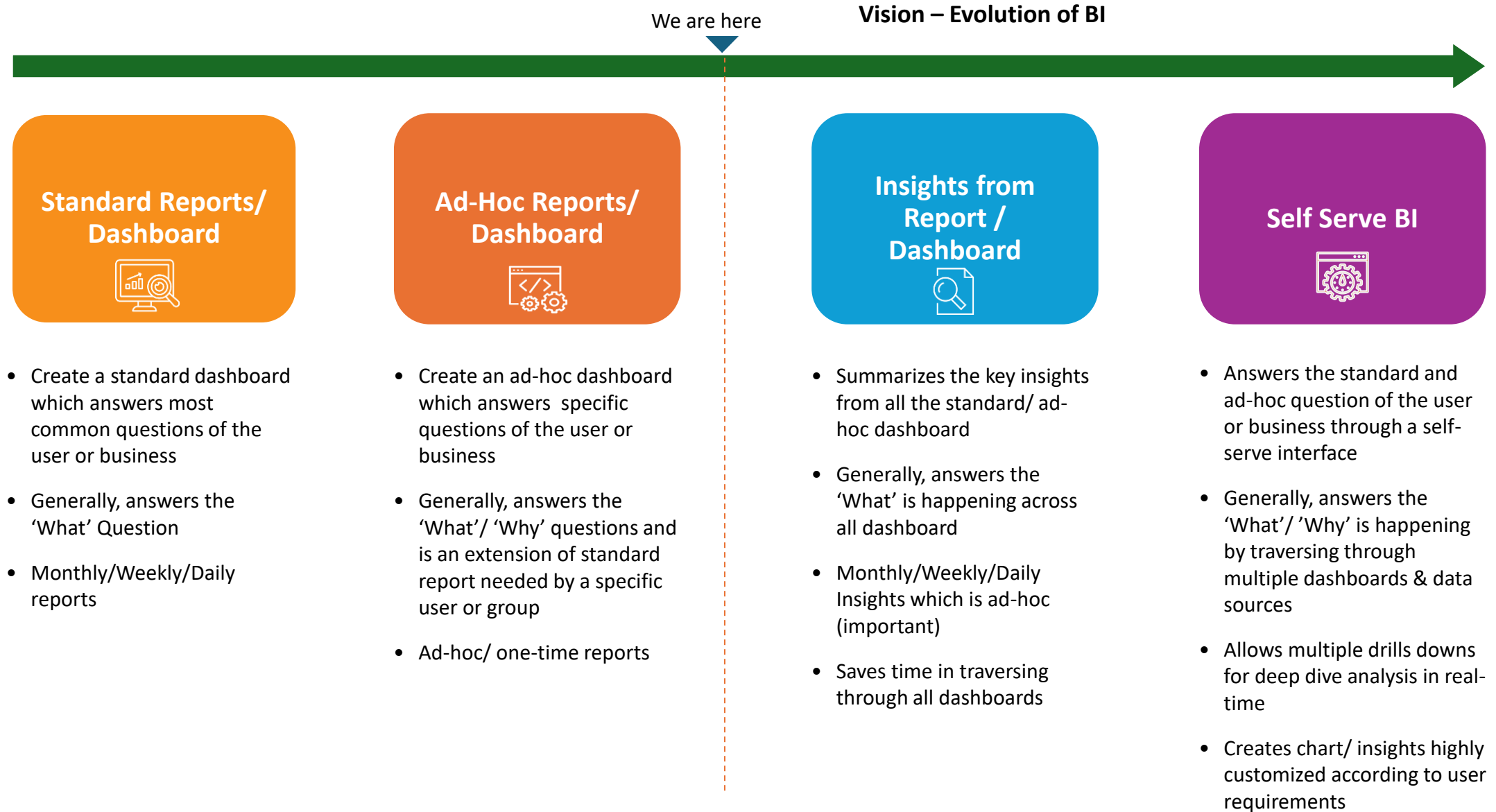
InsightsPro interprets your questions or a tree of thought. It connects multiple data tables and formulates complex table joins. It deciphers the right metrics for a user persona and explains them via the right visualizations, helping them avoid coming through a deluge of dashboards.

User-friendly interface

Business context aware

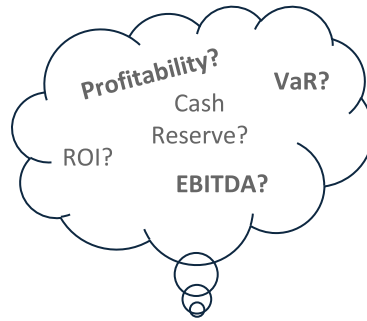
Multi-table database schema

The BI Journey – The Current Position And Vision

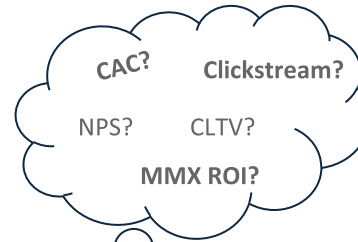


On Demand Insights to Key Business Questions

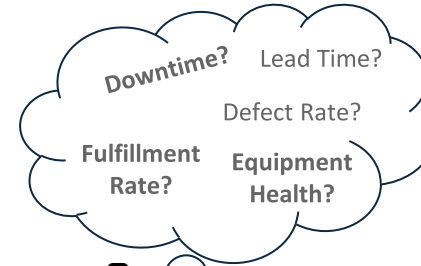
Query To Insights



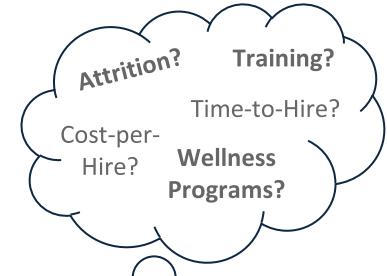
Finance



Marketing



Manufacturing



Human
Resources



How is my x-y-z metric trending in the last 6 weeks?



InsightsP
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Enterprise Data Lake

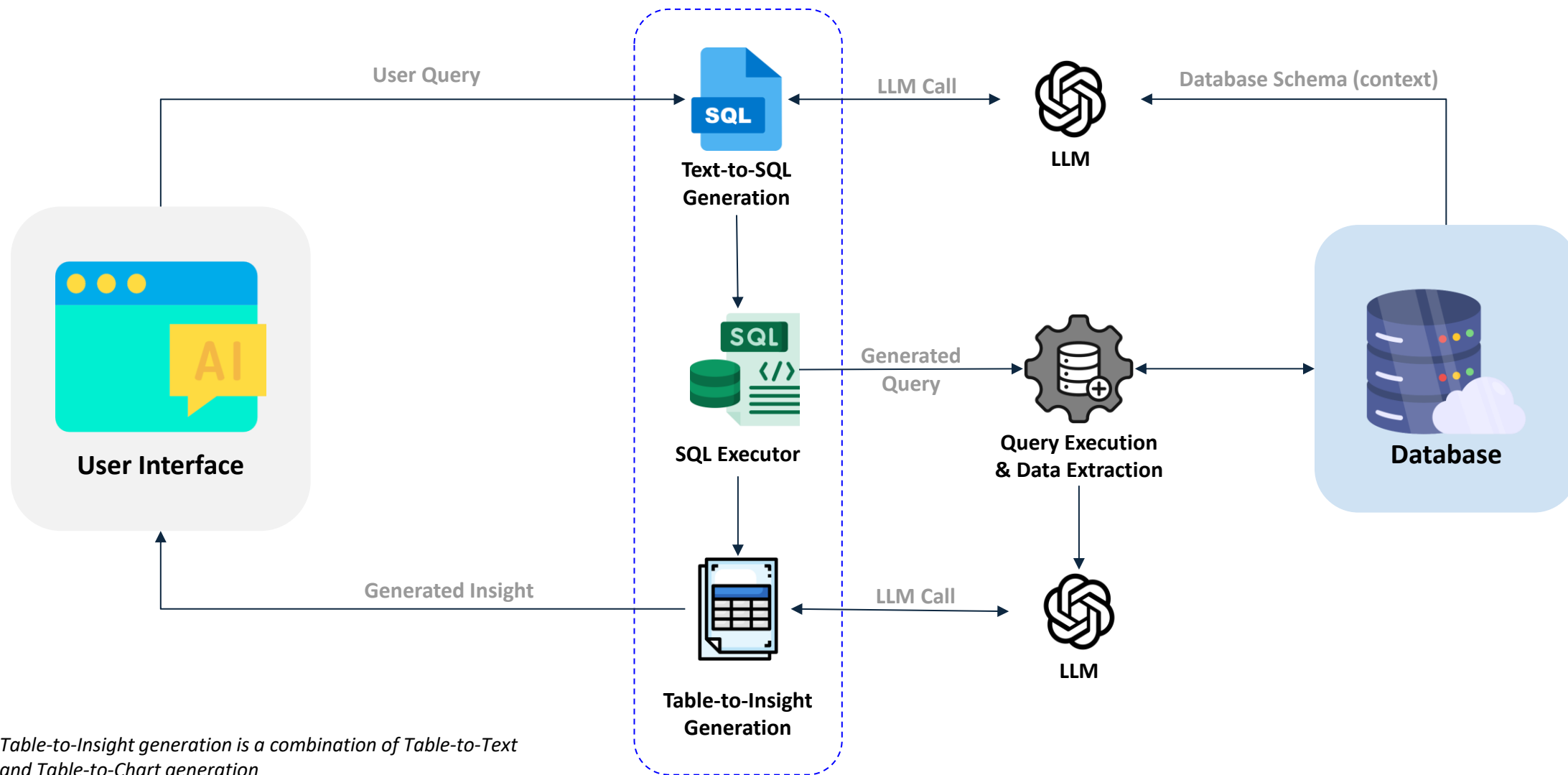


Third Party APIs



Text/Image/Voice

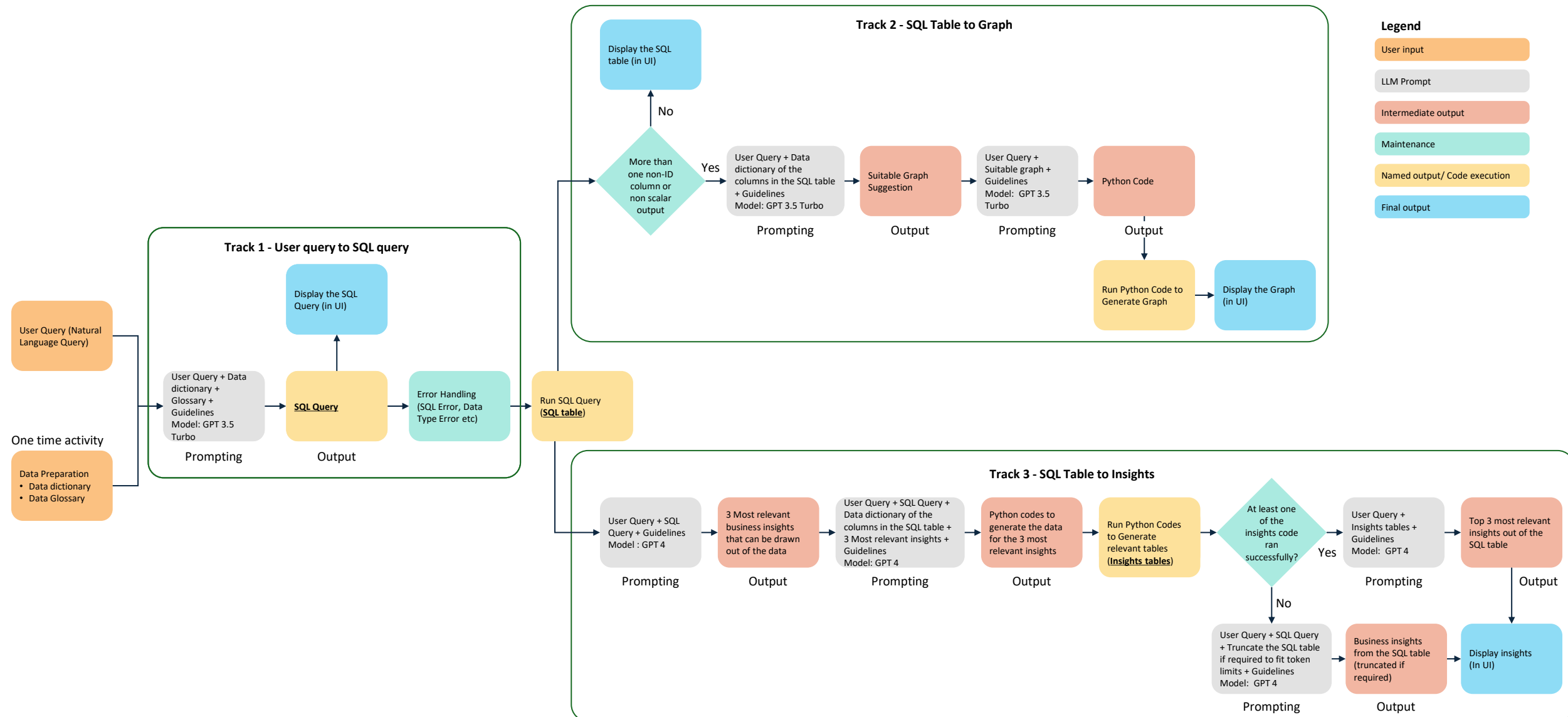
Functional Architecture



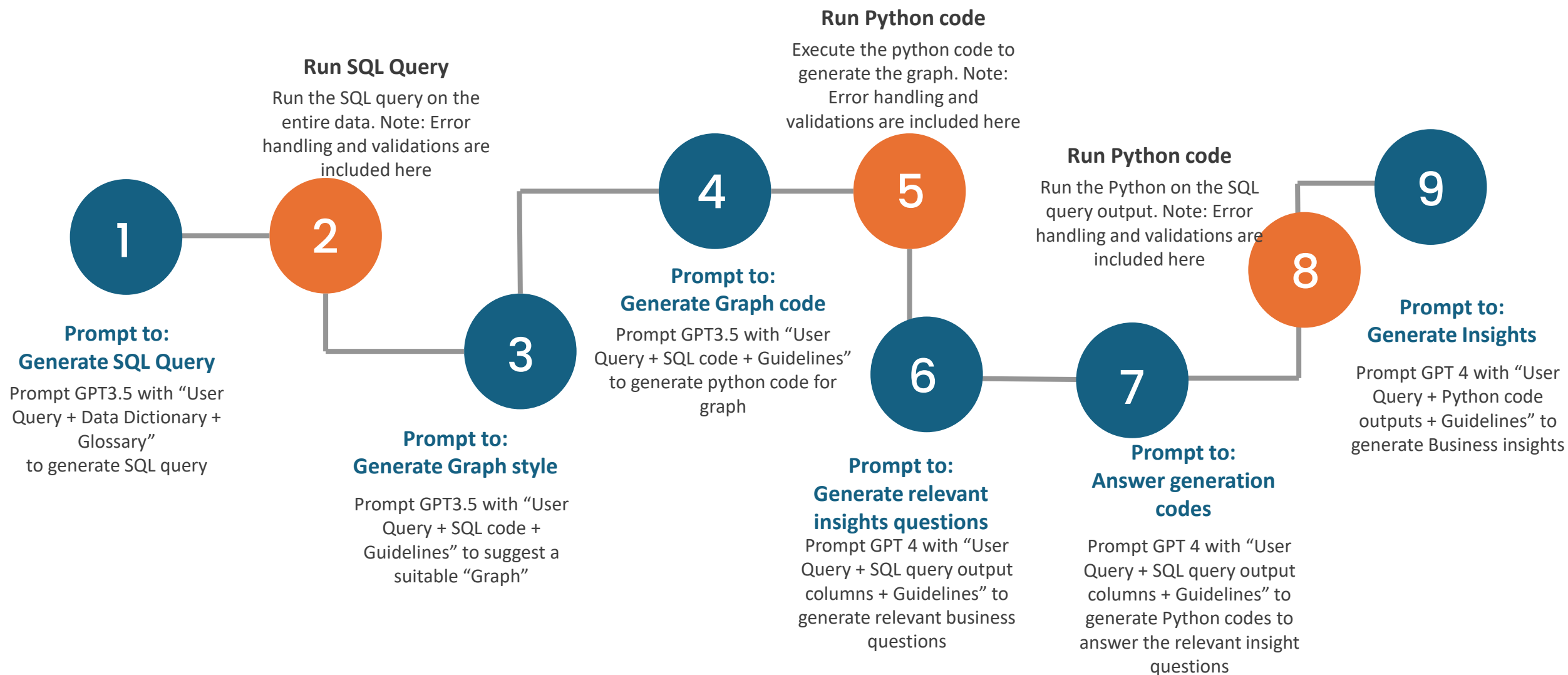
- *Table-to-Insight generation is a combination of Table-to-Text and Table-to-Chart generation*
- *Table-to-Chart generation involves code generation which is executed on the table to generate the required chart*

Functional Architecture – Detailed

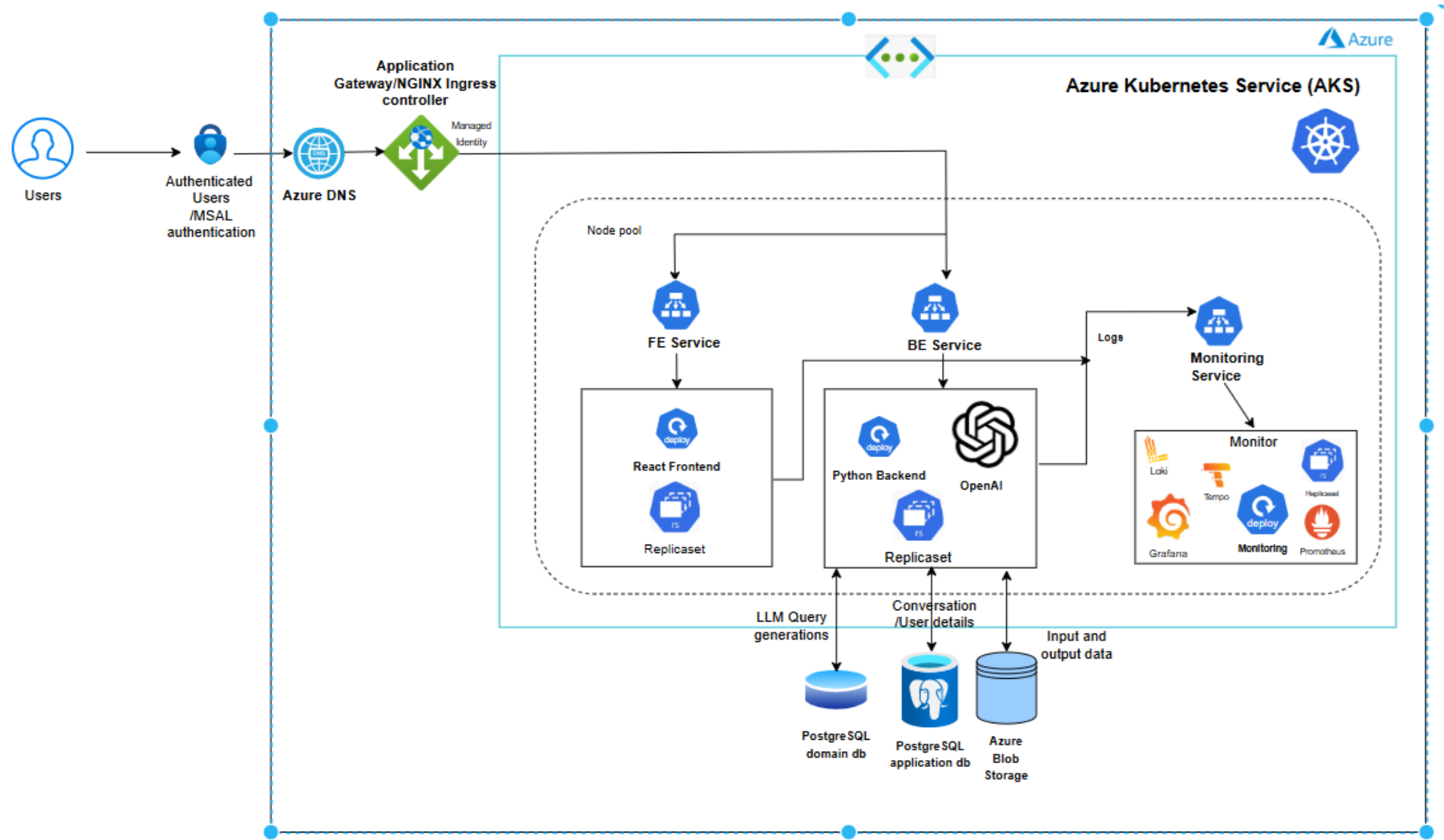
Optional



Execution Flow



Note: System can run this once and save for future retrieval of same questions.



Implemented Use-cases



Real Estate

A “Property Search” Agent to provide summary responses on property data to natural language queries to Leasing/Development Managers



Insurance

A conversational agent that enables intuitive and conversational exploration of structured data to drive more informed decisions



Pharma

A query agent to address brand-specific questions by combining demographic information, HCP/demographic level data and customer master type tables



CPG

An agent to summarize insights from complex Global multi-visual BI dashboards by querying the underlying data.



Pharma

Provide behavioural insights at patient level from a combination of APLD & transaction data.



Manufacturing

A performance evaluation of an Insights Agent implemented with Microsoft Azure



POC



Production

Application Demo

