Insights Pro

GenAl 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

We are here

Vision – Evolution of BI

Standard Reports/ Dashboard



- Create a standard dashboard which answers most common questions of the user or business
- Generally, answers the 'What' Question
- Monthly/Weekly/Daily reports

Ad-Hoc Reports/ Dashboard



- Create an ad-hoc dashboard which answers specific questions of the user or business
- Generally, answers the 'What'/ 'Why' questions and is an extension of standard report needed by a specific user or group
- Ad-hoc/ one-time reports

Insights from Report / Dashboard



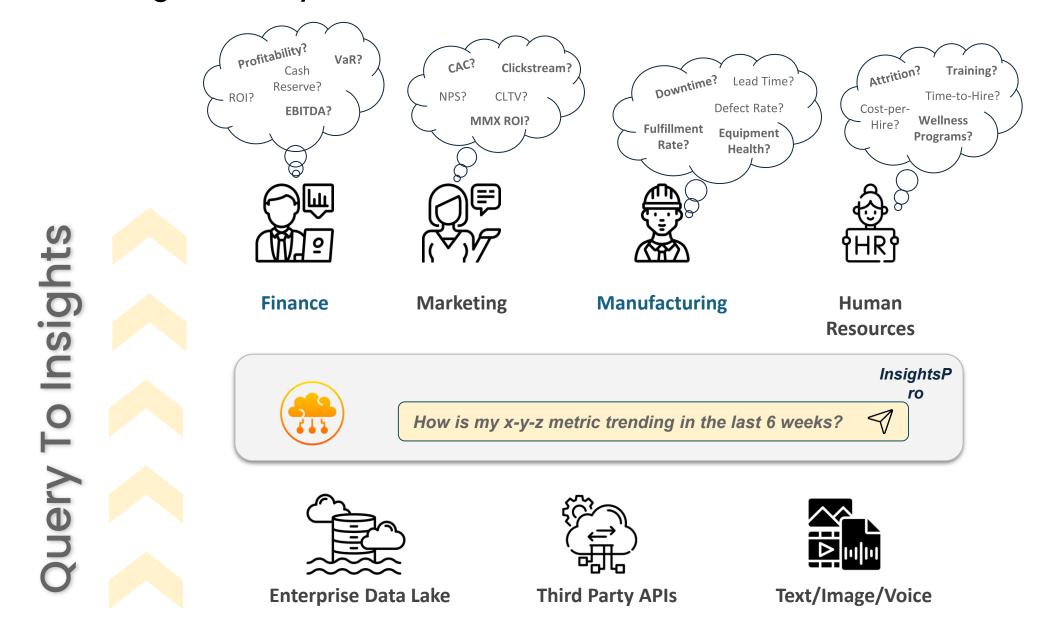
- Summarizes the key insights from all the standard/adhoc dashboard
- Generally, answers the 'What' is happening across all dashboard
- Monthly/Weekly/Daily Insights which is ad-hoc (important)
- Saves time in traversing through all dashboards

Self Serve BI

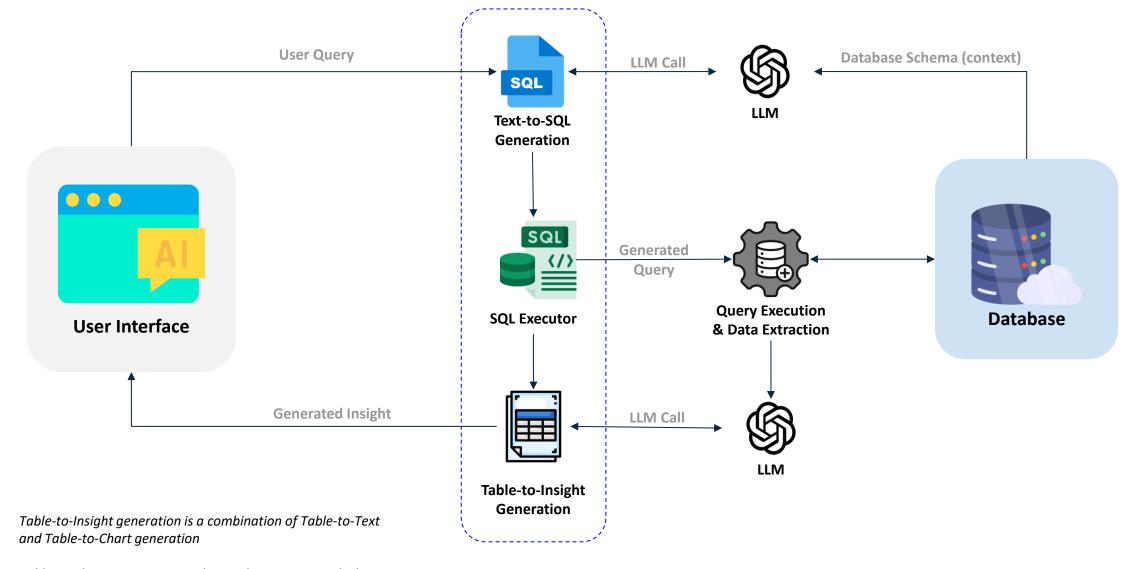


- Answers the standard and ad-hoc question of the user or business through a selfserve interface
- Generally, answers the 'What'/'Why' is happening by traversing through multiple dashboards & data sources
- Allows multiple drills downs for deep dive analysis in realtime
- Creates chart/ insights highly customized according to user requirements

On Demand Insights to Key Business Questions



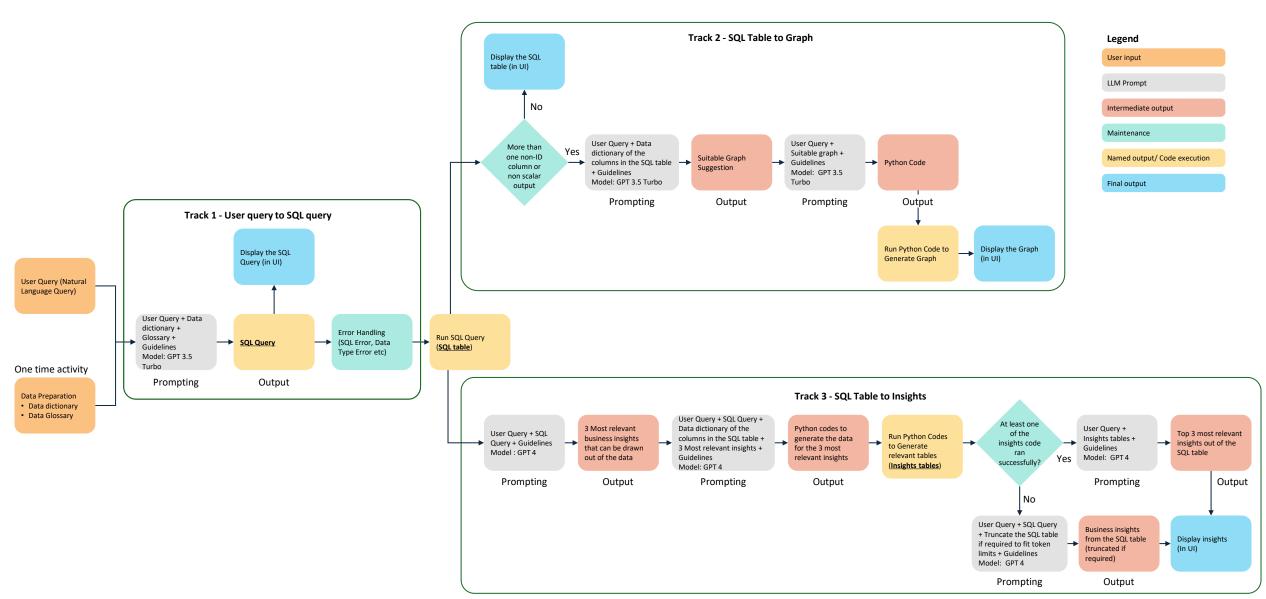
Functional Architecture



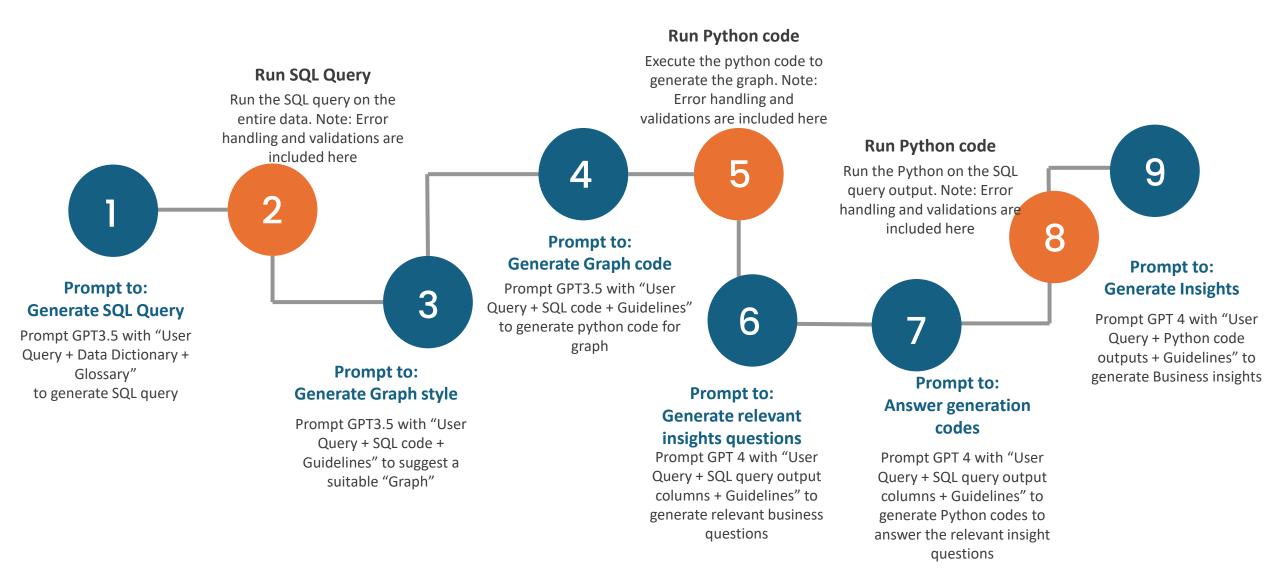
• Table-to-Chart generation involves code generation which is executed on the table to generate the required chart

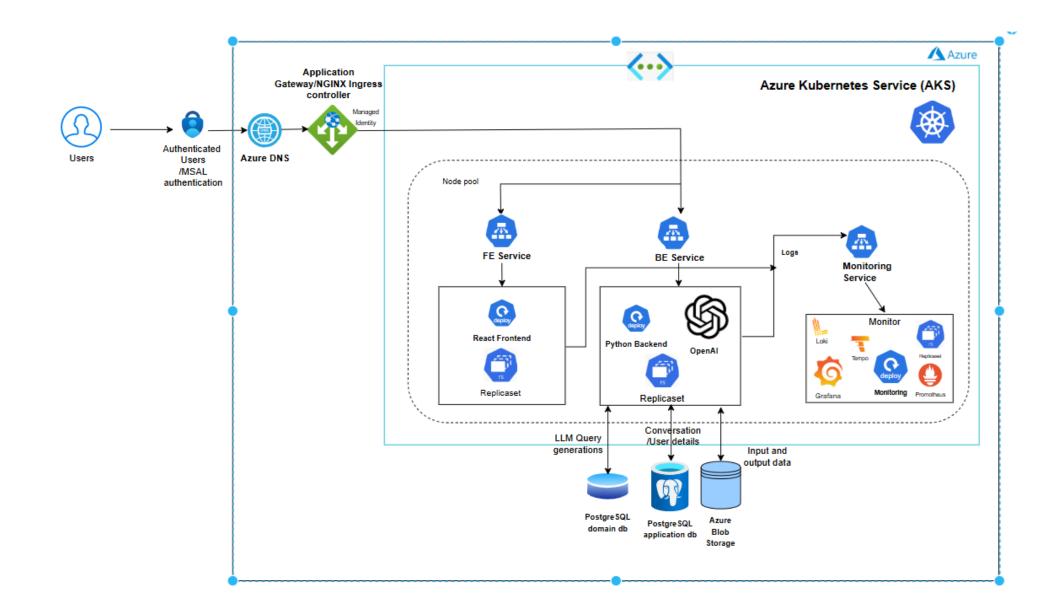
Functional Architecture - Detailed

Optional



Execution Flow





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









Application Demo

