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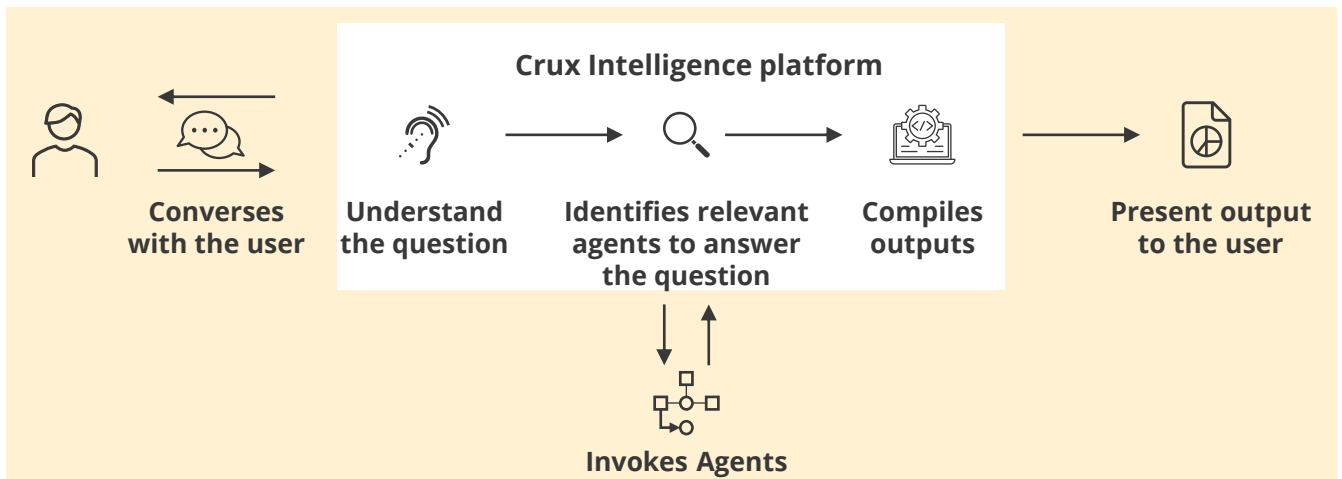
Crux Intelligence
Generative AI-powered decision intelligence

What is Crux Intelligence?

Business users across organizations struggle to get timely insights from enterprise datasets. They are buried deep in traditional dashboards or classic 300-slide decks that are created ad-hoc by analysts in organizations. Therefore, there is a need for a simple ChatGPT-like experience where users can ask a question in simple English like they would ask their analysis and get an answer that is easy to interpret yet trustworthy.

Crux is a GenAI powered decision intelligence platform that enables a human-like conversation to answer business questions in enterprises that is reliable, safe and secure.
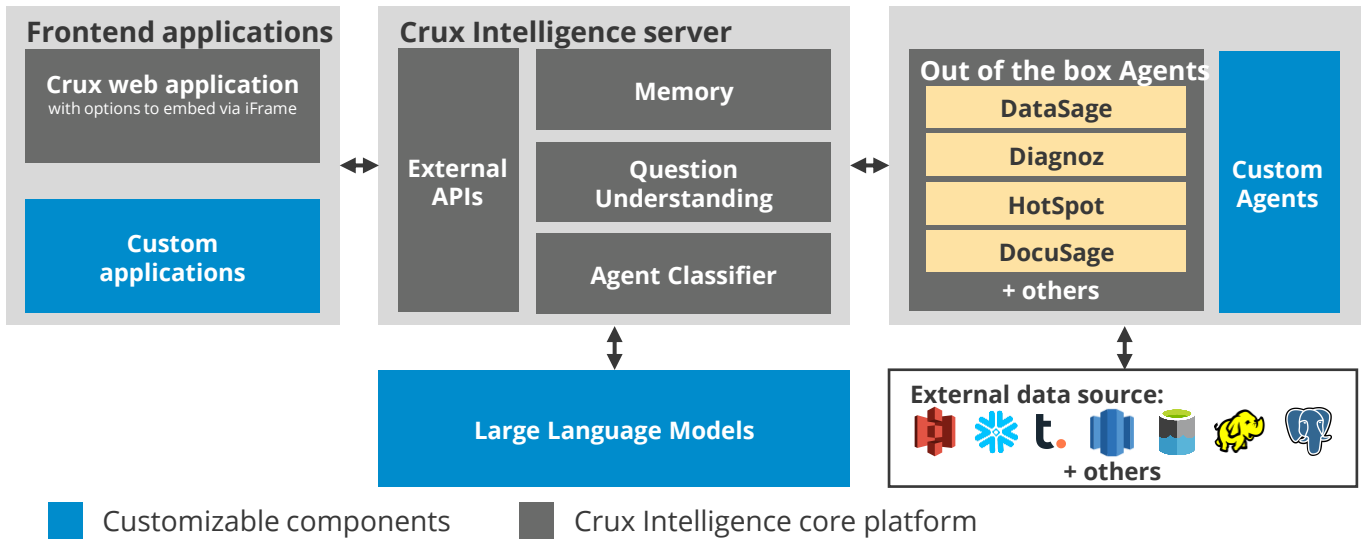

Crux Intelligence platform

Converses with the user → Understand the question → Identifies relevant agents to answer the question → Compiles outputs → Present output to the user

Invokes Agents

Agents, akin to specialized analysts, are entities capable of answering specific questions

Some examples of agents available out-of-the-box with Crux

DataSage
Agent capable of firing one or more a queries against enterprise structured databases.

Diagnoz
Agent capable of performing root cause analysis that can explain the growth or decline of a business.

Growth Pulse
Agent to identify if a business is growing versus year ago or prior and if the rate of growth is faster or slower than the market.

HotSpots
Agent to identify the key areas that are contributing significantly to the growth or decline of a business

Prophecy
Prophecy is a equipped with a series of univariate forecasting models to predict the state of business for the future time periods.

DocuSage
Agent capable of answering business questions based on information available in documents like PDF/PPT etc..

High level architecture

Frontend applications

Crux web application
with options to embed via iFrame

Custom applications

Crux Intelligence server

External APIs

Memory

Question Understanding

Agent Classifier

Out of the box Agents

DataSage

Diagnoz

HotSpot

DocuSage

+ others

Custom Agents

Large Language Models

External data source:
+ others

- Customizable components
- Crux Intelligence core platform

Crux Intelligence remains Fractal's IP. However, custom components built on top of the platform can be client or joint IP,

Features

Intuitive experience

- Provides intuitive ChatGPT like conversational experience.
- Answers questions in natural language from Enterprise Structured datasets
- Retrieves information from unstructured documents like PDF, PPT etc.
- Generates GenAI powered narratives for easier insight consumption

Enterprise ready

- Direct connectivity to Azure Blob Storage, Azure Data Lake, MS SQL Server, Azure Synapse and many more…
- Available on Azure Marketplace
- In-built row/column/cell level data authorization
- Set up in days-not weeks with self-serve admin portal

Fully customizable

- Being your own Algorithms to answer specific questions via agent-based architecture
- Develop custom front-end using externalized APIs
- Embed into react based applications via iFrame
- Customize Crux Intelligence UI with white labeling options

Microsoft Solutions Partner
Infrastructure Azure

Microsoft Solutions Partner
Data & AI Azure

Microsoft Solutions Partner
Digital & App Innovation Azure

Why Fractal?

A data, ML, and AI specialist for over 20 years, Fractal is a recognized Microsoft Solution Partner with the expertise to support you throughout your data and AI transformation journey.

Depending on your use case or situation, your Triage project conducted through Fractal might be eligible for Microsoft funding.

Crux is available on the Azure Marketplace and through Fractal.

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