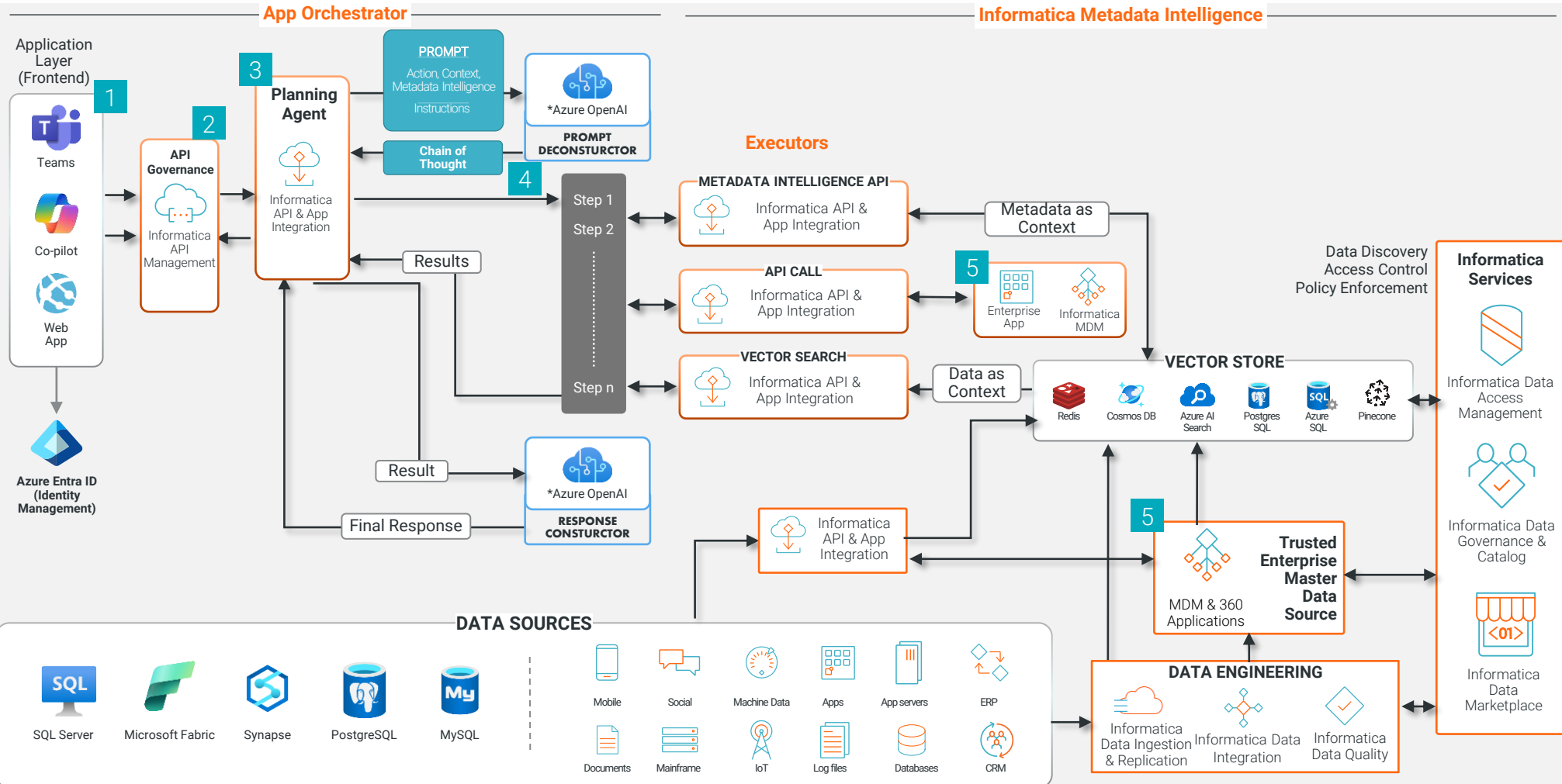


# Reference Architecture

# GenAI Blueprint for Microsoft

Retrieval Augmented Generation Framework for GenAI with Informatica on Microsoft



- 1 **Frontend** – Frameworks for building GenAI apps (e.g., Azure OpenAI, provisioned by Azure AI and works with other similar LLM models.)
- 2 **API Governance** – Usage governance to throttle API usage and control costs
- 3 **Planning Agent** – Orchestrates API calls to retrieve relevant context, bring metadata intelligence and to enterprise applications like Informatica MDM.
- 4 **Prompt enhancement** – Prompt deconstruction and Chain of thought prompting
- 5 **Master Data – Trusted data** is provided using Informatica's Master Data Management (MDM), which assists organizations in maintaining a consolidated, accurate record.

\*Architecture based on Azure OpenAI, provisioned by Azure AI and works with other similar LLM models