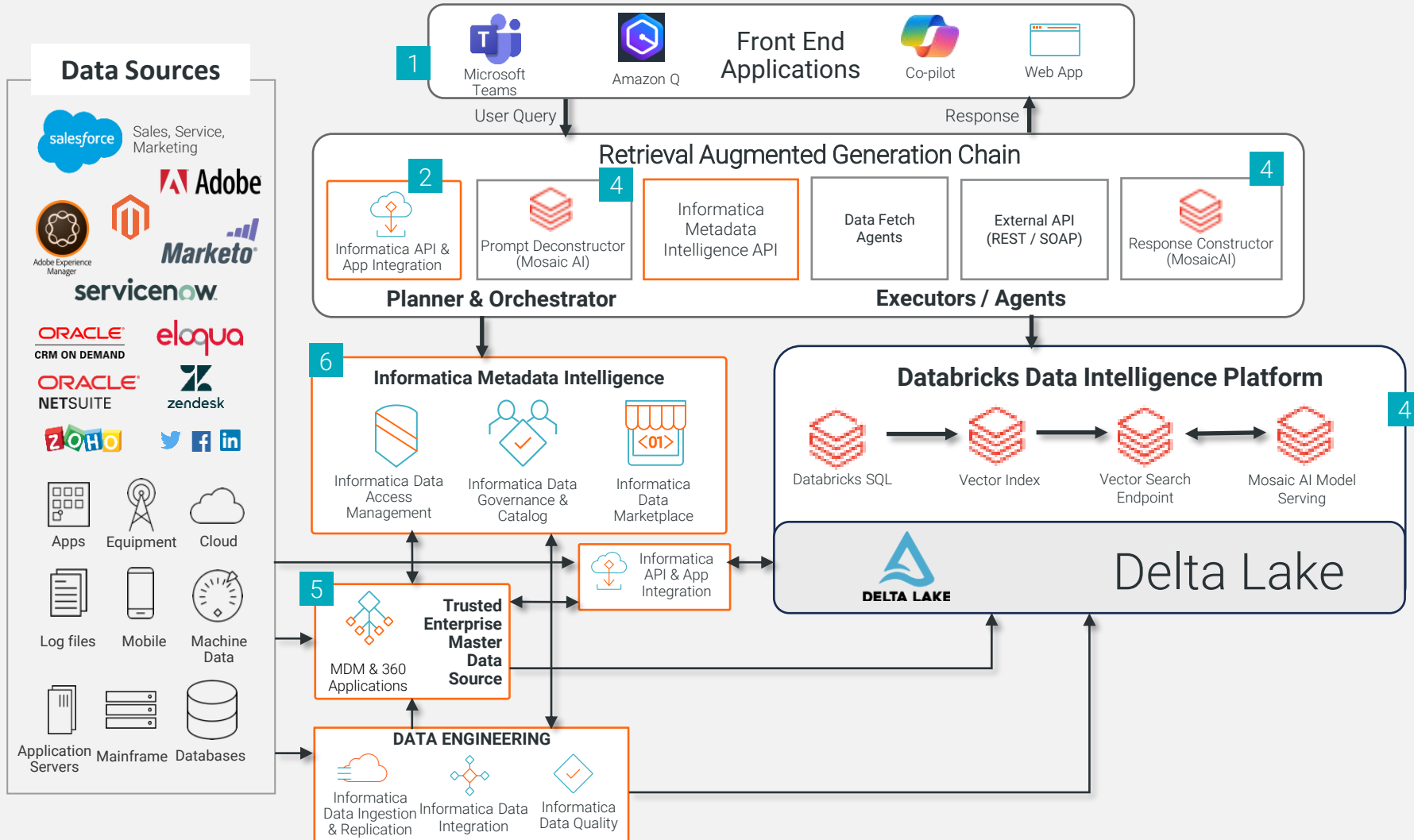


# Reference Architecture

## GenAI Blueprint for Databricks

Retrieval Augmented Generation Framework for GenAI with Informatica on Databricks



- 1 **Frontend** – Includes frameworks for building GenAI apps(e.g., TeFams, Copilot, Native App etc.)
- 2 **API Management**– Includes rate limiting and advanced authentication using Informatica API & App integration
- 3 **Planning Agent** – Orchestrates API calls to retrieve relevant context, bring metadata intelligence and to enterprise applications like Informatica MDM
- 4 **Mosaic AI Model serving** – Use foundational models like Llama, Mistral, and others
- 5 **Master Data** – Trusted data is provided using Informatica's Master Data Management (MDM), which assists organizations in maintaining a consolidated, accurate record.
- 6 **Metadata Intelligence & Access Management** – Data governance, catalog, access management, and marketplace enhance Generative AI by ensuring high-quality, well-managed data with secure, role-specific access and rich metadata, boosting both the precision and innovation of retrieval-augmented generation models.