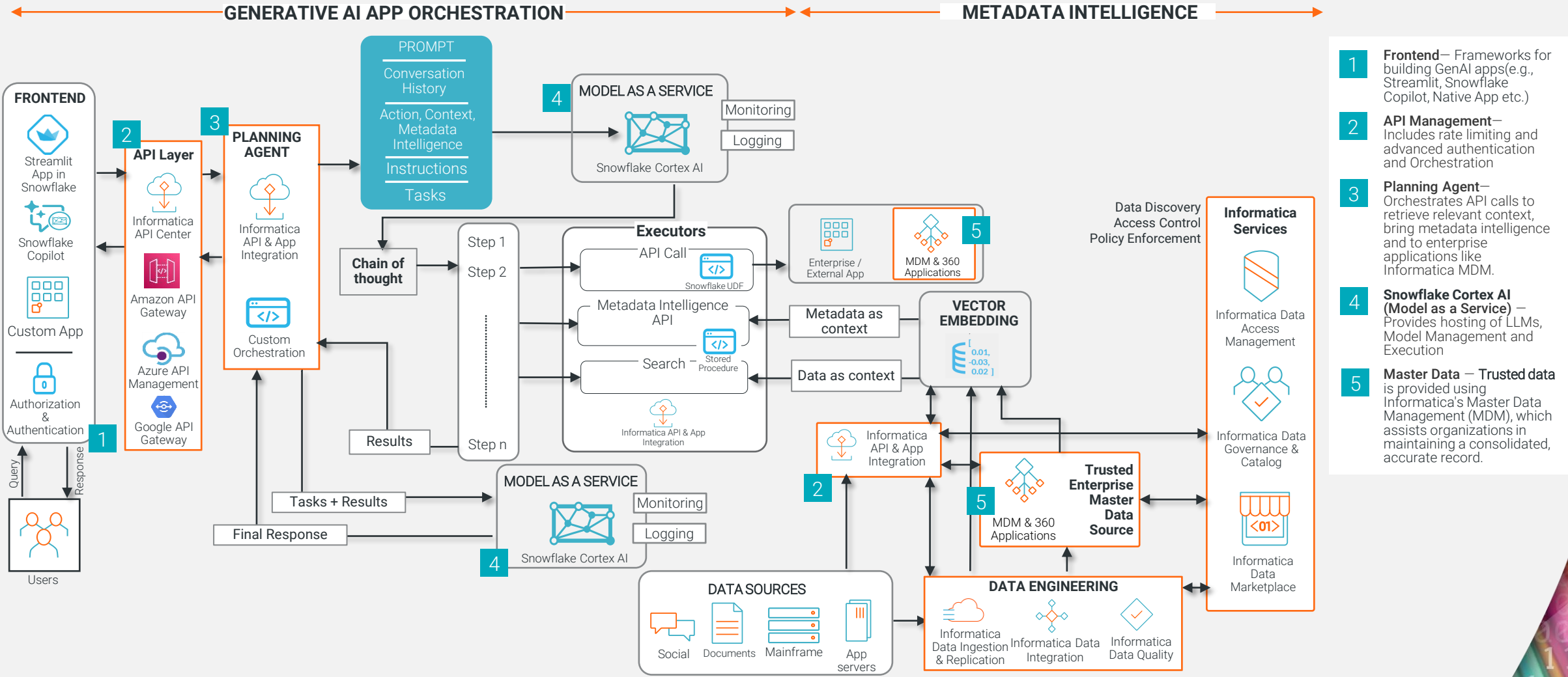


Reference Architecture

GenAI Blueprint for Snowflake

Retrieval Augmented Generation Framework for GenAI with Informatica on Snowflake



- 1 Frontend** – Frameworks for building GenAI apps(e.g., Streamlit, Snowflake Copilot, Native App etc.)
- 2 API Management** – Includes rate limiting and advanced authentication and Orchestration
- 3 Planning Agent** – Orchestrates API calls to retrieve relevant context, bring metadata intelligence and to enterprise applications like Informatica MDM.
- 4 Snowflake Cortex AI (Model as a Service)** – Provides hosting of LLMs, Model Management and Execution
- 5 Master Data – Trusted data** is provided using Informatica’s Master Data Management (MDM), which assists organizations in maintaining a consolidated, accurate record.