

Reference Architecture

GenAI Blueprint for Amazon Web Services (AWS)

Retrieval Augmented Generation Framework for GenAI with Informatica on AWS

GENERATIVE AI APP ORCHESTRATION

METADATA INTELLIGENCE

- 1 Frontend** – Frameworks for building GenAI apps (e.g. Amazon Q, Amazon Bedrock Agents etc.)
- 2 API Management** – Includes rate limiting and advanced authentication
- 3 Planning Agent** – Orchestrates API calls to retrieve relevant context, bring metadata intelligence and to enterprise applications like Informatica MDM.
- 4 Amazon Bedrock (Model as a Service)** – Provides hosting of LLMs, Model Management and Execution
- 5 Master Data** – Master data is also being provided **Trusted Data** using Informatica's Master Data Management (MDM), which is a solution that assists organizations in consolidating and maintaining a single, accurate record of their data.

