

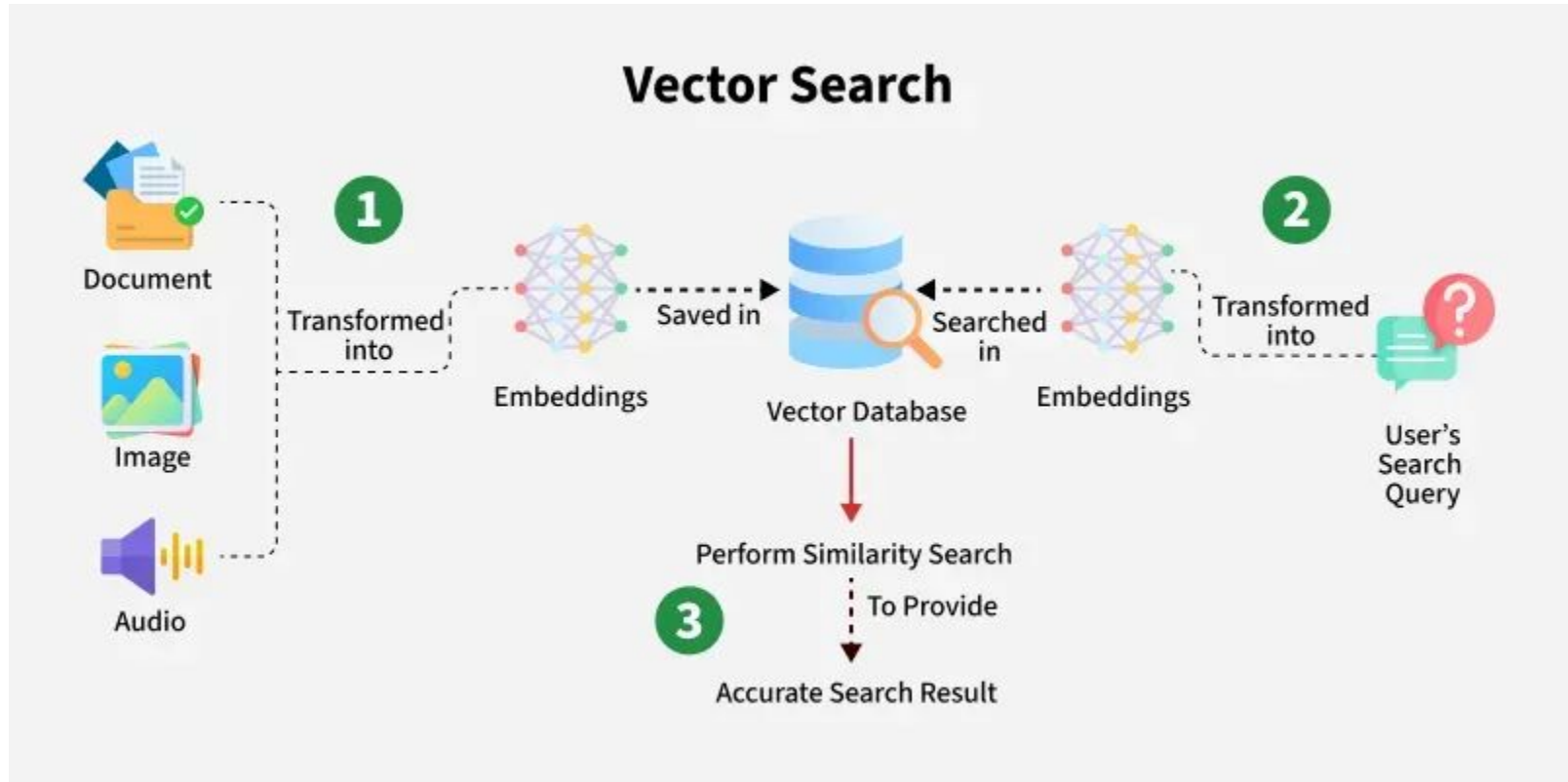
Building agents in Databricks with Mosaic AI

Presenter: Taras Lysun

Agenda

- Problem of monolithic systems
- Data and tools foundation discussion (Vector search and Unity Catalog Tools)
- RAG-systems
- AI agents (connection protocols, MCP)
- Evaluation
- Demo

Data Foundation - Vector Search



Data Foundation - Unity Catalog Tools



find
your assets



use your
favorite tools



collaborate



manage
data access

Data



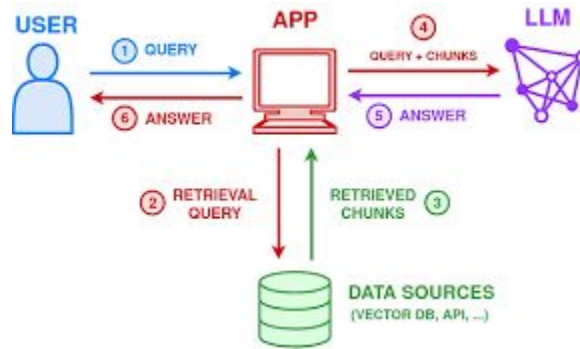
Functions



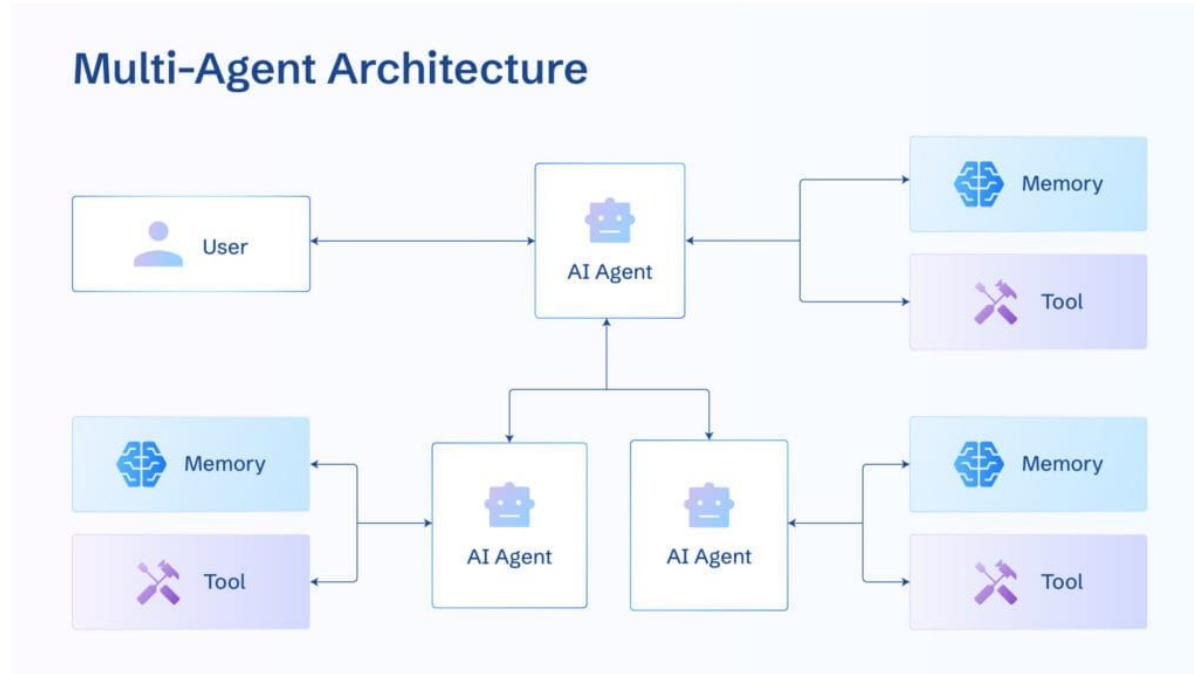
Models



Level 1: Simple RAG

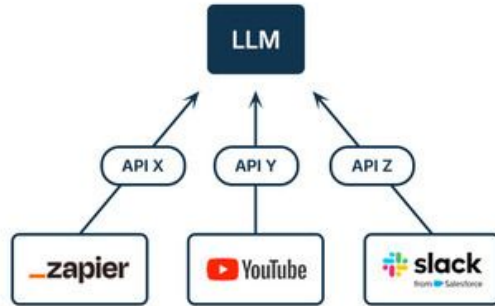


Level 2: AI Agents

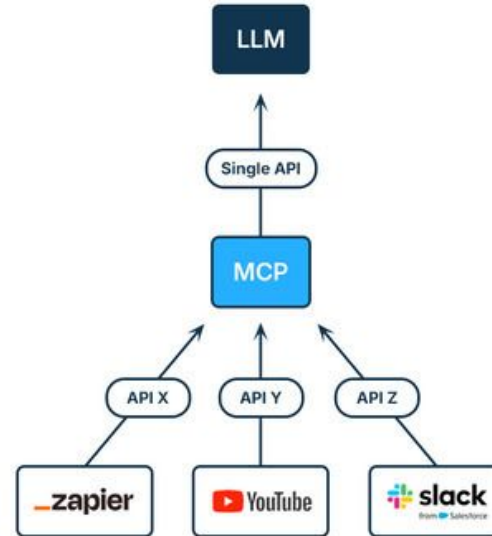


Model Context Protocol (MCP)

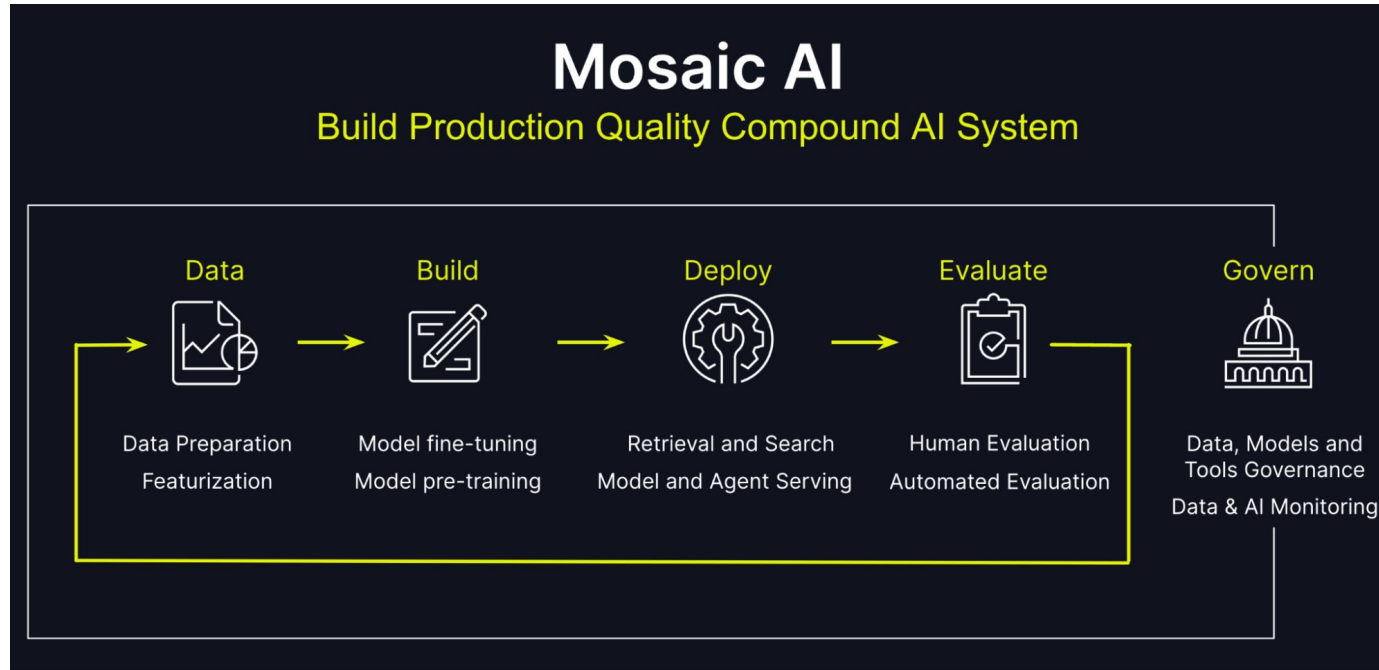
Before MCP



After MCP



Testing and quality - Mosaic AI agent evaluation



DEMO