

DA680: Building AI Agents with MongoDB

OEM: MongoDB • Code: DA680

COURSE DESCRIPTION

Agentic frameworks and systems have become a staple in modern AI software development, and customers are increasingly looking to MongoDB as the data backbone for these architectures. Today, many practitioners can assemble basic RAG demos on Atlas Vector Search but lack a clear, end-to-end blueprint for turning business workflows into robust agents, tools, and memory that operate safely over real enterprise data. This course exists to close that gap: it will equip learners with practical patterns for modeling workflows as agents, implementing MongoDB-backed tools and memory, and applying security, guardrails, and evaluation practices so that agentic systems can be trusted.

AUDIENCE PROFILE

- This training workshop is intended for developers who have completed the Developer Foundation courses and are using MongoDB Atlas.

PREREQUISITES

- DA660: AI & Vector Search
- DA670: RAG Framework Evaluation and Optimization

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Intro to AI Agents and Agentic Systems
- Building Agents
- Context Engineering
- Tools for Agents
- Agentic Memory
- Security Best Practices with AI Agents
- Evaluating Agentic Systems
- Multi-Agent Systems

COURSE OUTLINE