multisoft
Systems

Build an AI App with Azure using RAG Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Build an AI App with Azure using RAG Training by Multisoft Systems is designed to equip professionals with the skills required to develop intelligent AI-powered applications leveraging Retrieval-Augmented Generation (RAG) on Azure. This course focuses on integrating AI models with retrieval-based methodologies to enhance data access, improve response accuracy, and optimize AI-driven decision-making.

Module 1: Implement vCore-based Azure Cosmos DB for MongoDB

- ✓ Learn vCore-based Azure Cosmos DB for MongoDB
- ✓ Create a vCore-based Azure Cosmos DB for MongoDB cluster
- ✓ Deploy a vCore-based Azure Cosmos DB for MongoDB cluster

Module 2: Migrate to vCore-based Azure Cosmos DB for MongoDB

- ✓ Migration assessment and planning
- ✓ Offline migration from MongoDB to vCore-based Azure Cosmos DB for MongoDB using MongoDB native tools
- ✓ Offline migration from MongoDB to vCore-based Azure Cosmos DB for MongoDB using Azure Data Studio
- ✓ Migrate Data from MongoDB to vCore-based Azure Cosmos DB for MongoDB using Azure Databricks
- ✓ Migrate to vCore-based Azure Cosmos DB for MongoDB with MongoDB native tools

Module 3: Manage a vCore-based Azure Cosmos DB for MongoDB cluster

- ✓ Scale and configure a vCore-based Azure Cosmos DB for MongoDB cluster
- ✓ Explore high availability in a vCore-based Azure Cosmos DB for MongoDB cluster
- ✓ Backup and restore a vCore-based Azure Cosmos DB for MongoDB cluster
- ✓ Monitor a vCore-based Azure Cosmos DB for MongoDB cluster
- ✓ Manage a vCore-based Azure Cosmos DB form MongoDB cluster

Module 4: Build your own AI copilot with vCore-based Azure Cosmos DB for MongoDB and Azure OpenAI

- ✓ Explore Azure OpenAI
- ✓ Understand vector databases, Retrieval Augmentation Generation, and embeddings in AI
- ✓ Implement Retrieval Augmentation Generation using vector indexes in vCore based Azure Cosmos DB for MongoDB
- ✓ Develop an AI copilot using vCore-based Azure Cosmos DB for MongoDB and Azure OpenAI

Module 5: Deploy your AI Copilot with Azure Kubernetes

- ✓ Deploy applications with Azure Kubernetes Service
- ✓ Create containerized apps with Azure Kubernetes Service clusters
- ✓ Prepare your copilot application
- ✓ Create an Azure Kubernetes Service cluster