

Develop AI cloud solutions on Microsoft Azure (AI-200T00)

ID AI-200T00 Price on request Duration 5 days

Who should attend

This course is designed for developers who build backend and AI-driven applications on Azure and need practical skills in containerized compute, data services for AI, event-driven workflows, and application security and monitoring.

Course Content

Implement container application hosting on Azure

- Store and manage containers in Azure Container Registry
- Deploy containers to Azure App Service

Deploy and manage apps on Azure Container Apps

- Deploy containers to Azure Container Apps
- Manage containers in Azure Container Apps
- Scale containers in Azure Container Apps

Deploy and monitor applications on Azure Kubernetes Service

- Deploy applications to Azure Kubernetes Service
- Configure applications on Azure Kubernetes Service
- Monitor and troubleshoot applications on Azure Kubernetes Service

Develop AI solutions with Azure Cosmos DB for NoSQL

- Build queries for Azure Cosmos DB for NoSQL
- Implement vector search on Azure Cosmos DB for NoSQL
- Optimize query performance for Azure Cosmos DB for NoSQL

Develop AI solutions with Azure Database for PostgreSQL

- Build and query with Azure Database for PostgreSQL
- Implement vector search with Azure Database for PostgreSQL
- Optimize vector search in Azure Database for PostgreSQL

Enhance AI solutions with Azure Managed Redis

- Implement data operations in Azure Managed Redis
- Implement event messaging with Azure Managed Redis

- Implement vector storage in Azure Managed Redis

Integrate backend services for AI solutions

- Queue and process AI operations with Azure Service Bus
- Develop event-driven AI workflows with Azure Event Grid
- Build serverless AI backends with Azure Functions

Manage application secrets and configuration for AI solutions

- Manage application secrets with Azure Key Vault
- Manage application settings with Azure App Configuration

Observe and troubleshoot apps on Azure

- Instrument an app with OpenTelemetry
- Analyze app telemetry with logs and metrics

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Training Centres worldwide



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