

AI-102T00: Develop AI Solutions in Azure

Price: 2995

Duration: 5 days

Delivery Methods: Virtual

Overview

AI-102 Designing and Implementing an Azure AI Solution is intended for software developers wanting to build AI infused applications that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework. The course will use C#, Python, or JavaScript as the programming language.

Audience Profile

Software engineers concerned with building, managing and deploying AI solutions that leverage Azure Cognitive Services, Azure Cognitive Search, and Microsoft Bot Framework. They are familiar with C#, Python, or JavaScript and have knowledge on using REST-based APIs to build computer vision, language analysis, knowledge mining, intelligent search, and conversational AI solutions on Azure.

At Course Completion

- Create, configure, deploy, and secure Azure Cognitive Services
- Integrate speech services
- Integrate text analytics
- Create language understanding capabilities with LUIS
- Create and manage Azure Cognitive Search solutions
- Create intelligent agents using the Bot Framework
- Implement Computer Vision solutions

Outline

Module 1: Introduction to AI and AI on Azure

Lessons:

- Introduction to AI
- Getting Started with Azure AI Services
- Using Azure AI Services for enterprise applications

Module 2: Develop computer vision solutions with Azure AI Vision

Lessons:

- Analyze and manipulate images
- Detect and recognize faces

Module 3: Develop natural language processing solutions

Lessons:

- Analyzing and translating text
- Translating Text
- Build a question answering solution
- Build a conversational language understanding app
- Custom classification and named entity extraction
- Speech recognition, synthesis, and translation

Module 4: Develop Generative AI Solutions with Azure OpenAI Service

Lessons:

- Get started with Azure OpenAI Service
- Develop apps with Azure OpenAI Service
- Apply prompt engineering with Azure OpenAI Service
- Use your own data with Azure OpenAI Service

Module 5: Creating a knowledge Mining Solution

Lessons:

- Implementing an Intelligent Search Solution
- Developing Custom Skills for an Enrichment Pipeline

Module 6: Develop solutions with Azure AI Document Intelligence

Lessons:

- Use prebuilt Document Intelligence models
- Train a custom Document Intelligence model

Prerequisites

- Knowledge of Microsoft Azure and ability to navigate the Azure portal
- Knowledge of either C#, Python, or JavaScript

Course Schedule

Date	Time	Price	Options
07/06/2026	09:00 AM - 05:00 PM CT	2,995.00	Buy Now Enroll

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