



AI-102T00

DESIGNING AND IMPLEMENTING A MICROSOFT AZURE AI SOLUTION

Duration: 4 days; Instructor-led

WHAT YOU WILL LEARN

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# or Python as the programming language.

PREREQUISITES

Before attending this course, students must have:

- Knowledge of Microsoft Azure and ability to navigate the Azure portal
- Knowledge of either C# or Python
- Familiarity with JSON and REST programming semantics

COURSE OBJECTIVES

- Describe considerations for AI-enabled application development
- Create, configure, deploy, and secure Azure Cognitive Services
- Develop applications that analyze text
- Develop speech-enabled applications
- Create applications understanding capabilities
- Create QnA applications with natural
- Create conversational solutions with bots language

COURSE OBJECTIVES

- Use computer vision services to analyze images and videos
- Create custom computer vision models
- Develop applications that detect, analyze, and recognize faces
- Develop applications that read and process text in images and documents
- Create intelligent search solutions for knowledge mining

OUTLINES

- Module 1: Introduction to AI on Azure
- Module 2: Developing AI Apps with Cognitive Services
- Module 3: Getting Started with Natural Language Processing
- Module 4: Building Speech-Enabled Applications
- Module 5: Creating Language Understanding Solutions
- Module 6: Building a QnA Solution
- Module 7: Conversational AI and the Azure Bot Service
- Module 8: Getting Started with Computer Vision
- Module 9: Developing Custom Vision Solutions
- Module 10: Detecting, Analyzing, and Recognizing Faces
- Module 11: Reading Text in Images and Documents
- Module 12: Creating a Knowledge Mining Solution

GET IN TOUCH

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