



AI-102T00 - Designing and Implementing a Microsoft Azure AI Solution

Microsoft - Microsoft Azure - Virtualizzazione e Cloud

Durata:

4 Giorni

Lingue:

Italiano

Certificazione:

Microsoft Certified: Azure AI Engineer Associate

Descrizione del corso

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. This course is preparatory to the Exam AI-102: Designing and Implementing a Microsoft Azure AI Solution valid for Microsoft Certified: Azure AI Engineer Associate

Programma

Module 1: Introduction to AI on Azure

- Introduction to Artificial Intelligence
- Artificial Intelligence in Azure

Module 2: Developing AI Apps with Cognitive Services

- Getting Started with Cognitive Services
- Using Cognitive Services for Enterprise Applications

Module 3: Getting Started with Natural Language Processing

- Analyzing Text
- Translating Text

Module 4: Building Speech-Enabled Applications

ITCore Group

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- Speech Recognition and Synthesis
- Speech Translation

Module 5: Creating Language Understanding Solutions

- Creating a Language Understanding App
- Publishing and Using a Language Understanding App
- Using Language Understanding with Speech

Module 6: Building a QnA Solution

- Creating a QnA Knowledge Base
- Publishing and Using a QnA Knowledge Base

Module 7: Conversational AI and the Azure Bot Service

- Bot Basics
- Implementing a Conversational Bot

Module 8: Getting Started with Computer Vision

- Analyzing Images
- Analyzing Videos

Module 9: Developing Custom Vision Solutions

- Image Classification
- Object Detection

Module 10: Detecting, Analyzing, and Recognizing Faces

- Detecting Faces with the Computer Vision Service
- Using the Face Service

Module 11: Reading Text in Images and Documents

- Reading text with the Computer Vision Service
- Extracting Information from Forms with the Form Recognizer service

Module 12: Creating a Knowledge Mining Solution

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- Implementing an Intelligent Search Solution
- Developing Custom Skills for an Enrichment Pipeline
- Creating a Knowledge Store

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