

Designing and Implementing a Microsoft Azure AI Solution (MOC AI-102)

Überblick

In diesem Kurs lernen die Teilnehmer KI-basierte Anwendungen zu entwickeln, die Azure Cognitive Services, Azure Cognitive Search und Microsoft Bot Framework nutzen.

Der Kurs verwendet C# oder Python als Programmiersprache.



Dauer:
4 Tage



Preis:
2.150,00 € (2.558,50 € inkl. MwSt.)

Kursinhalt

Introduction to AI on Azure

- Introduction to Artificial Intelligence
- Artificial Intelligence in Azure

Developing AI Apps with Cognitive Services

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

Getting Started with Natural Language Processing

- Analyzing Text
- Translating Text

Building Speech-Enabled Applications

- Speech Recognition and Synthesis
- Speech Translation

Creating Language Understanding Solutions

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

Building a QnA Solution

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

Conversational AI and the Azure Bot Service

- Bot Basics
- Implementing a Conversational Bot

Getting Started with Computer Vision

- Analyzing Images

- Analyzing Videos

Developing Custom Vision Solutions

- Image Classification
- Object Detection

Detecting, Analyzing, and Recognizing Faces

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

Reading Text in Images and Documents

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

Creating a Knowledge Mining Solution

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

Voraussetzungen

- Kenntnisse in Microsoft Azure und Fähigkeit zur Navigation im Azure-Portal
- Kenntnisse in C# oder Python
- Kenntnisse in der JSON- und REST-Programmiersemantik

Zielgruppe

Softwareentwickler, die sich mit der Erstellung, Verwaltung und Bereitstellung von KI-Lösungen befassen möchten, die Azure Cognitive Services, Azure Cognitive Search und Microsoft BotFramework nutzen.

Termine

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28.07.2025 - 31.07.2025 München

06.10.2025 - 09.10.2025 München

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