



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Sie erreichen uns hier**

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# Designing and Implementing a Microsoft Azure AI Solution

CODE:	LÄNGE:	PREIS:
MCS_AI-102T00	40 Hours (5 Tage)	€2,120.00

## Description

In diesem Training erlernen Sie das Entwerfen und Implementieren einer Azure AI-Lösung. Sie sind Softwareentwickler und möchten AI-infundierte Anwendungen erstellen, die Azure Cognitive Services, Azure Cognitive Search und Microsoft Bot Framework nutzen. Der Kurs verwendet C # oder Python als Programmiersprache.

## Lernziel

Nach Abschluss dieser Ausbildung haben Sie Kenntnisse zu folgenden Themen aufgebaut:

- 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 with natural language understanding capabilities
- Create QnA applications
- Create conversational solutions with bots
- 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

## Zielgruppe

Dieses Seminar richtet sich an:

Der Kurs ist für Cloud Service Architekten, Designern von Künstlicher Intelligenz in Azure und AI: Developer ausgerichtet.

## Voraussetzungen

- Für dieses Seminar werden folgende Kenntnisse empfohlen:
- Kenntnisse in Microsoft Azure und Fähigkeit zur Navigation im Azure-Portal
- Kenntnisse in C # oder Python
- Vertrautheit mit der JSON- und REST-Programmiersprache

## Inhalt

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

## **Test und Zertifizierung**

Wichtige Information

Dieses Training behandelt prüfungsrelevante Themen zum Examen AI-102 Designing and Implementing a Microsoft Azure AI Solution

## **Kurstermine**

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
13 Feb 2023	Wien	CET	German	Classroom		€2,120.00
13 Feb 2023	Wien	CET	German	Instructor Led Online		€2,120.00
17 Apr 2023	Wien	CEDT	German	Classroom		€2,120.00
17 Apr 2023	Wien	CEDT	German	Instructor Led Online		€2,120.00
19 Jun 2023	Wien	CEDT	German	Classroom		€2,120.00
19 Jun 2023	Wien	CEDT	German	Instructor Led Online		€2,120.00
21 Aug 2023	Wien	CEDT	German	Classroom		€2,120.00
21 Aug 2023	Wien	CEDT	German	Instructor Led Online		€2,120.00
16 Oct 2023	Wien	CEDT	German	Classroom		€2,120.00
16 Oct 2023	Wien	CEDT	German	Instructor Led Online		€2,120.00
18 Dec 2023	Wien	CET	German	Classroom		€2,120.00
18 Dec 2023	Wien	CET	German	Instructor Led Online		€2,120.00

## Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.