

Mit Azure KI erhalten Sie bewährte, sichere und verantwortungsvolle KI-Funktionen nach Ihren Anforderungen. Erstellen Sie unternehmenskritische Lösungen, die Bilder analysieren, Sprache verstehen, Vorhersagen anhand von Daten treffen und anderes intelligentes menschliches Verhalten imitieren können.

### Ihr Nutzen

Dieses Seminar richtet sich an Entwickler, die Lösungen mit Azure AI/KI umsetzen möchten. Schwerpunkte sind die Technologien Azure AI Foundry und andere Azure AI Dienste.

### Voraussetzungen

Grundkenntnisse von AI und Azure. C# Kenntnisse.

### Preis pro Teilnehmer

EUR 2550,- exklusive der gesetzlichen MwSt.

### Hinweise

AI-102T00,

### Seminardauer

5 Tag(e)/Day(s)

Version: N/A

### Seminarinhalte

- \* Develop generative AI apps in Azure
- Plan and prepare to develop AI solutions on Azure
- \* Using Microsoft Foundry
- Choose and deploy models from the model catalog
- The Microsoft Foundry SDK
- Prompt flows to develop language model apps
- Develop a RAG-based solution using Microsoft Foundry
- Fine-tune a language model with Microsoft Foundry
- Implement a responsible generative AI solution in Microsoft Foundry
- Evaluate generative AI performance in Microsoft Foundry portal

- \* Develop computer vision solutions in Azure
- Analyze images
- Read text in images
- Detect, analyze, and recognize faces
- Classify images
- Detect objects in images
- Analyze video
- Develop a vision-enabled generative AI application
- Generate images with AI

#### 2. Tag

- \* Develop AI agents on Azure
- Get started with AI agent development on Azure
- Develop an AI agent with Microsoft Foundry Agent Service
- Develop AI agents with the Microsoft Foundry extension
- Integrate custom tools into your agent
- Multi-agent solutions with Microsoft Foundry Agent Service
- Integrate MCP Tools with Azure AI Agents
- \* Microsoft Agent Framework
- Develop an AI agent
- Orchestrate a multi-agent solution

#### 5. Tag

- \* Develop AI information extraction solutions in Azure
- Multimodal analysis with Content Understanding
- Create an Azure Content Understanding client application
- Use prebuilt Document intelligence models
- Extract data from forms with Azure Document intelligence
- Create a knowledge mining solution with Azure AI Search

#### 3. Tag

- \* AI Agents on Azure
- Discover Azure AI Agents with A2A
- Build agent-driven workflows using Microsoft Foundry
- Build knowledge-enhanced AI agents with Foundry IQ
- \* Develop natural language solutions in Azure
- Analyze text with Azure Language
- Create question answering solutions with Azure Language
- Build a conversational language understanding model
- Create custom text classification solutions
- Custom named entity recognition
- Translate text with Azure Translator service

#### 4. Tag

- \* Speech Services
- Create speech-enabled apps with Microsoft Foundry
- Translate speech with the Azure Speech service
- Develop an audio-enabled generative AI application
- Develop an Azure AI Voice Live agent

