>> Microsoft Azure

Develop AI apps and agents on Azure

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.

Seminardauer

4 Tag(e)/Day(s)

Hinweise

AI-103T00,

Version: N/A

Seminarinhalte

1. Tag
* 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

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

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

* 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

* 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

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