Develop Generative AI Solutions with Azure OpenAI Service – Flexible Training («AI050V»)

Get started in generative AI, a fast-evolving field of artificial intelligence.

Duration: 1 day
Price: 900.–
Course documents: Official Microsoft Courseware and Microsoft Learn

Content

Azure OpenAI Service provides access to OpenAI's powerful large language models such as GPT; the model behind the popular ChatGPT service. These models enable various natural language processing (NLP) solutions to understand, converse, and generate content. Users can access the service through REST APIs, SDKs, and Azure OpenAI Studio.

Course outline:

1. **Introduction to Azure OpenAI Service**
   - Get to know the connection between artificial intelligence (AI), Responsible AI, and text, code, and image generation. Understand how you can use Azure OpenAI to build solutions against AI models within Azure.
2. **Get started with Azure OpenAI Service**
   - This module provides engineers with the skills to begin building an Azure OpenAI Service solution.
3. **Build natural language solutions with Azure OpenAI Service**
   - This module provides engineers with the skills to begin building apps that integrate with the Azure OpenAI Service.
4. **Apply prompt engineering with Azure OpenAI Service**
   - Prompt engineering in Azure OpenAI is a technique that involves designing prompts for natural language processing models. This process improves accuracy and relevancy in responses, optimizing the performance of the model.

Key Learnings

- Provisioning Azure OpenAI service
- Deploying models
- Using models in generative AI applications

Methodology & didactics

Digicomp Flexible Learning Approach:

- **Training modality:** During a period of 1-2 weeks, 2 half-day (3h each) virtual live sessions with our Azure MCT experts will take place. The sessions are already planned and can be easily combined with the daily work routine. Between the sessions there is enough time to process the learned knowledge.
- **Detailed Session Plan:** Click «Timetable» at the bottom of the page where you select your desired date.

Target audience

The audience for this course includes software developers and data scientists who need to use large language models for generative AI. Some programming experience is recommended, but the course will be valuable to anyone seeking to understand how the Azure OpenAI service can be used to implement generative AI solutions.

Requirements

- Familiarity with Azure and the Azure portal.
- Experience programming with C# or Python. If you have no previous programming experience, we recommend you complete the Take your first steps with C# or Take your first steps with Python learning path before taking this course.
- General understanding of AI; can be acquired in the following course, but the course is not a mandatory prerequisite:

- Microsoft Azure AI Fundamentals – Flexible Training («AI900V»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-digital-transformation-technologies/artificial-intelligence-ai/course-develop-generative-ai-solutions-with-azure-openai-service-flexible-training