Microsoft Azure AI Fundamentals – Intensive Training («AI900»)

This course introduces fundamentals concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions.

Duration: 1 day
Price: 900.–
Course documents: Official Microsoft Courseware and Added Value Content
Vendor code: AI-900

Content

Module 1: Introduction to AI

In this module, you'll learn about common uses of artificial intelligence (AI), and the different types of workload associated with AI. You'll then explore considerations and principles for responsible AI development.

Lessons

- Artificial intelligence in Azure
- Responsible AI

Module 2: Machine learning

Machine learning is the foundation for modern AI solutions. In this module, you'll learn about some fundamental machine learning concepts, and how to use the Azure Machine Learning service to create and publish machine learning models.

Lessons

- Introduction to Machine Learning
- Azure Machine Learning

Module 3: Computer Vision

Computer vision is a area of AI that deals with understanding the world visually, through images, video files, and cameras. In this module you'll explore multiple computer vision techniques and services.

Lessons

- Computer Vision Concepts
- Computer Vision in Azure

Module 4: Natural language processing

This module describes scenarios for AI solutions that can process written and spoken language. You'll learn about Azure services that can be used to build solutions that analyze text, recognize and synthesize speech, translate between languages, and interpret commands.

Module 5: Conversation AI

Conversational AI enables users to engage in a dialog with an AI agent, or *bot*, through communication channels such as email, webchat interfaces, social media, and others. This module describes some basic principles for working with bots and gives you an opportunity to create a bot that can respond intelligently to user questions.

Lessons

- Concepts of the Conversation AI
- Conversational AI in Azure

Key Learnings

- Describing Artificial Intelligence workloads and considerations
- Describing fundamental principles of machine learning on Azure
- Describing features of computer vision workloads on Azure
- Describing features of Natural Language Processing (NLP) workloads on Azure
- Describing features of conversational AI workloads on Azure

Methodology & didactics

Digicomp Blended Learning Approach:

- **Pre-Study:** As soon as you book the course, you get access to official Microsoft Courseware and Added Value Content. We recommend that you work through at least the first chapter of each module before the course.
- **After-Study:** After the course, you will still have access to all courseware and can continue to study the topic as needed.

Target audience

This course is aimed at anyone interested in learning about the types of solution artificial intelligence (AI) makes possible, and the services on Microsoft Azure that you can use to create them.

Certification

This training prepares you for:

- **Exam:** «AI-900: Microsoft Azure AI Fundamentals» for the
- **Certification:** «Microsoft Certified: Azure AI Fundamentals»

Further courses

- Develop Generative AI Solutions with Azure OpenAI Service – Intensive Training («AI050»)

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-microsoft-technology/microsoft-azure/microsoft-certified-azure-fundamentals/course-microsoft-azure-ai-fundamentals-intensive-training-ai-900