

Create Computer Vision Solutions with Azure AI Vision – Intensive Training («AI3X4»)

Computer vision is an area of artificial intelligence that deals with visual perception. Azure AI Vision includes multiple services that support common computer vision scenarios.

Duration: 0.5 days

Price: 450.–

Course documents: Official Microsoft Courseware on Microsoft Learn

Content

1 Analyze images

With the Azure AI Vision service, you can use pre-trained models to analyze images and extract insights and information from them.

2 Image classification with custom Azure AI Vision models

Classify images by training a custom model with Azure AI Vision.

3 Detect, analyze, and recognize faces

The ability for applications to detect human faces, analyze facial features and emotions, and identify individuals is a key artificial intelligence capability.

4 Read Text in images and documents with the Azure AI Vision Service

Azure's AI Vision service uses algorithms to process images and return information. This module teaches you how to use the Image Analysis API for optical character recognition (OCR).

5 Analyze video

Azure Video Indexer is a service to extract insights from video, including face identification, text recognition, object labels, scene segmentations, and more.

Key Learnings

- Creating a custom Azure AI Vision classification model
- Understanding image classification, object detection, considerations and capabilities for face analysis and identification
- Training an image classifier in Vision Studio
- Implementing facial recognition
- Reading text from images using OCR
- Using the Azure AI Vision service Image Analysis with SDKs and the REST API
- Developing an application that can read printed and handwritten text
- Describing Azure Video Indexer capabilities
- Extracting custom insights
- Using Azure Video Indexer widgets and APIs

Target audience

The audience for this course includes AI engineers and developers.

Additional information

This workshop is integrated into the course [AI-102: Designing and Implementing a Microsoft Azure AI Solution](#).

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-create-computer-vision-solutions-with-azure-ai-vision-intensive-training