Extract insights from visual data on Azure (AI-3008)

ID AI-3008 **Price** CHF 690.—(excl. VAT) **Duration** 1 days

Who should attend

This course is designed for developers, AI engineers, and technical professionals who want to build applications that work with images and documents using multimodal, agent-driven approaches. It's best suited for learners with basic programming experience and a general understanding of cloud or AI concepts.

Course Content

Develop a vision-enabled generative AI application

- Introduction
- Use a vision-capable model in the Microsoft Foundry portal
- Develop a vision-based chat app
- Exercise - Develop a vision-enabled chat app
- Module assessment
- Summary

Generate images with AI

- Introduction
- What are image-generation models?
- Explore image-generation models in Microsoft Foundry portal
- Create a client application that uses an image generation model
- Exercise - Generate images with AI
- Module assessment
- Summary

Generate videos with Microsoft Foundry

- Introduction
- Deploy a video generating model
- Generate video from a prompt
- Generate video in Python
- Exercise - Generate video with Sora 2 in Microsoft Foundry
- Module assessment
- Summary

Analyze images with Content Understanding

- Introduction
- What is Content Understanding?
- Analyze images with Content Understanding
- Exercise - Analyze images with Content Understanding
- Module assessment
- Summary

Create a multimodal analysis solution with Azure Content Understanding

- Introduction
- What is Azure Content Understanding?
- Create a Content Understanding analyzer
- Use the Content Understanding API
- Exercise - Extract information from multimodal content
- Module assessment
- Summary

Create an Azure Content Understanding client application

- Introduction
- Prepare to use the AI Content Understanding API
- Create a Content Understanding analyzer
- Analyze content
- Exercise - Develop a Content Understanding client application
- Module assessment
- Summary

Extract data with Azure Document Intelligence

- Introduction
- What is Azure Document Intelligence?
- Use the Document Intelligence Studio
- Use prebuilt models
- Train and use custom models
- Exercise - Analyze documents with Document Intelligence
- Module assessment
- Summary

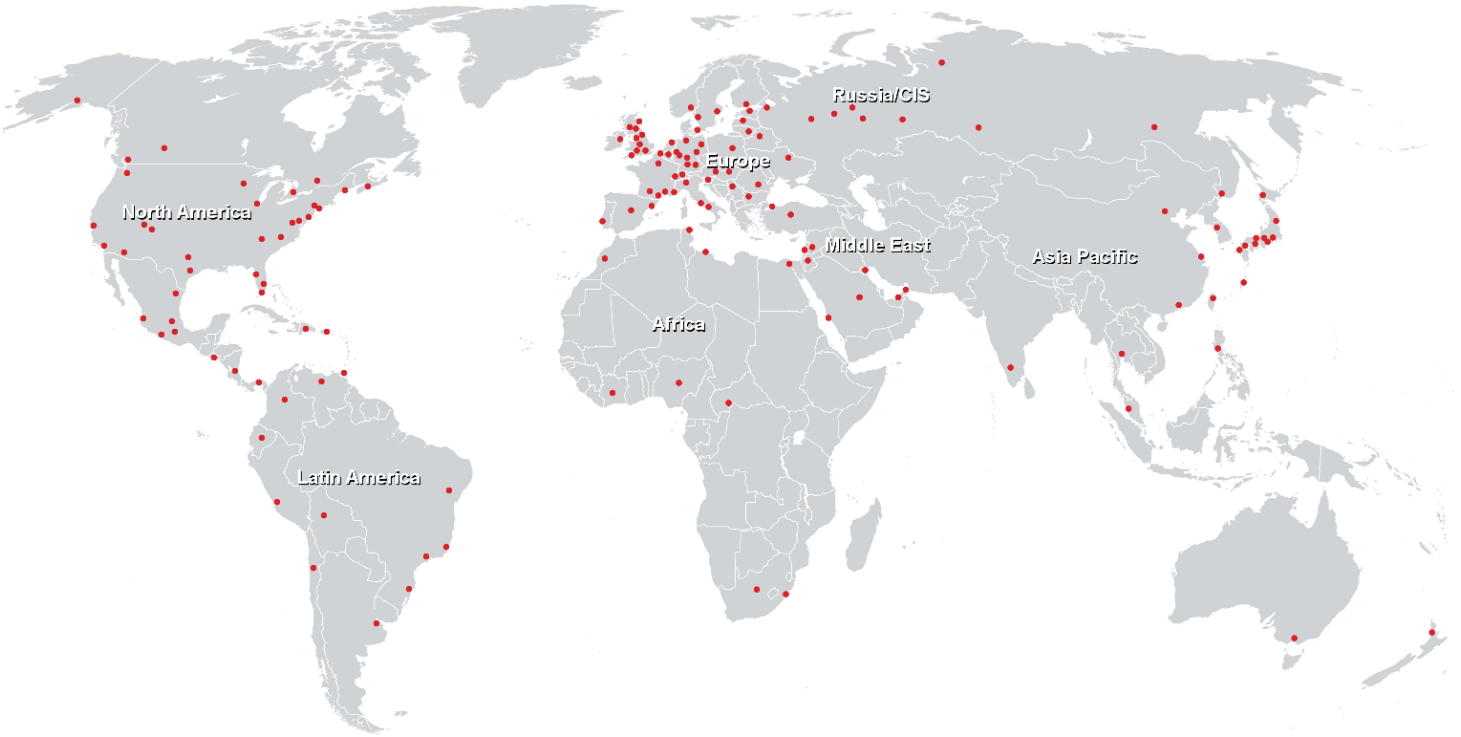
Create a knowledge mining solution with Azure AI Search

- Introduction
- What is Azure AI Search?
- Extract data with an indexer
- Enrich extracted data with AI skills
- Search an index
- Persist extracted information in a knowledge store
- Exercise - Create a knowledge mining solution

- Module assessment
- Summary

Microsoft Solutions Partner
Microsoft Cloud Training Services

Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch