



MFE-IT

Reference: AI-901

AI-901 Training Course

Introduction to Artificial Intelligence in Azure

Duration: 1 day (6 h)

Remote or on-site · Sessions guaranteed from 1 registrant · 60% hands-on practice

DESCRIPTION

This AI-901 training course offers an in-depth introduction to the artificial-intelligence capabilities available on the Microsoft Azure platform. Aimed at developers and technology professionals, it helps you understand the main AI concepts and discover how to implement them concretely using Azure services.

During this intensive day, you will explore the fundamentals of generative AI and intelligent agents, natural language processing, speech recognition, computer vision and AI-powered information extraction. Each theoretical concept is immediately put into practice through the dedicated Azure tools and services.

The programme covers both the conceptual dimension and hands-on technical work: you will work directly with Azure AI services to analyse text, recognise speech, process images and extract structured data from documents. This course is an ideal springboard for developers who want to integrate AI into their applications and prepare for Microsoft certifications in Azure artificial intelligence.

LEARNING OBJECTIVES

By the end of this training course, participants will be able to:

- Understand the fundamental concepts of artificial intelligence and identify the main AI application scenarios in the professional world.
- Grasp the principles of generative AI and intelligent agents, and know how to leverage them via Azure services.
- Master the basics of natural language processing (NLP) and implement text analysis with Azure cognitive services.
- Use Azure speech-recognition capabilities to convert speech to text and vice versa.
- Explore computer vision and its applications through Azure Computer Vision services.
- Implement information extraction from documents using dedicated Azure AI tools.

PREREQUISITES

- Familiarity with Python syntax and basic programming techniques is recommended.
- Knowledge of core cloud concepts (storage, compute, authentication) is an additional advantage.

Because each participant is unique, a personalised interview is systematically organised in advance with our expert to design a course perfectly aligned with their objectives, level and professional challenges.

TARGET AUDIENCE

- Developers who want to integrate AI features into their applications using Azure services.
- IT professionals and solution architects seeking to understand the potential of Azure AI to guide their technology choices.
- Data scientists and analysts wishing to explore the cognitive AI services offered by Microsoft Azure.

- Anyone with basic programming knowledge who wants to discover the AI capabilities of the Azure platform.

DETAILED PROGRAMME

The training alternates between theoretical input and hands-on practice (approximately 60% of the time). Modules are built around practical exercises based on real-world business use cases.

AI concepts for developers and technology professionals

- Introduction to AI concepts
- Introduction to generative AI and agents
- Introduction to natural language processing concepts
- Introduction to AI speech-recognition concepts
- Introduction to computer vision concepts
- Introduction to AI-powered information extraction concepts

Getting started with AI apps and agents on Azure

- Get started with AI in Azure
- Get started with generative AI and agents in Azure
- Get started with text analysis in Azure
- Get started with speech recognition in Azure
- Get started with computer vision in Azure
- Get started with AI-powered information extraction in Azure

TEACHING METHODS

Format and Delivery

The training is delivered remotely via an interactive virtual classroom. It can also be delivered on-site, with content customised to match the needs of your professional project. The theory/practice split is approximately 40%/60%, with extensive hands-on work on concrete business use cases.

MFE-IT Ultra-Personalised Format

Each session accommodates between 1 and 3 participants, ensuring highly individualised support. A preliminary interview allows us to tailor the content to each participant's profile: level, objectives, professional context and challenges. Inter-company sessions are **guaranteed from just 1 registrant** (except in cases of force majeure).

Skills Assessment

Throughout the training, the trainer assesses participant progress through multiple-choice questions, role-play and hands-on work. The small group size makes individual validation possible at the end of each workshop. At the end of the training, a certificate of validated skills is issued to each participant.

Post-Training Support

For one month following the training, each participant can contact MFE-IT trainers with questions about implementing acquired knowledge. A response is provided by email or telephone within 48 working hours.

Accessibility

MFE-IT is committed to welcoming people with disabilities. For any accommodation request, a discussion with our disability officer helps identify specific needs and adapt the training. Contact: contact@mfe-it.com.

PRACTICAL INFORMATION

Certification and Validation

At the end of the training, a certificate is sent by email specifying the objectives, nature, duration and assessment results. A completion certificate can also be provided on request.

Type of Training

Professionalising training action, aimed at improving and broadening participants' skills.

Monitoring and Assessment

Participant attendance is verified by signing an attendance sheet per half-day, countersigned by the trainer. Participants put the course material into practice through hands-on work on individual workstations; skills are validated by the trainer at the end of each workshop.

Benefits for Participants

- Train from your workplace or home, with no travel required.
- Benefit from an expert trainer-consultant on the subject.
- Enjoy an ultra-personalised format (1 to 3 participants) that encourages interaction and practice.
- Continue training even in the event of unforeseen circumstances.

Benefits for the Organisation

- Optimise the training budget by reducing travel and accommodation costs.
- Offer quality training to all employees, regardless of location.
- Reduce absence time linked to travel.
- Support team upskilling in all contexts.