



MFE-IT

Reference: YAS-AI3002

Azure AI Document Intelligence AI-3002 Training Course

Developing Document Analysis Solutions

Duration: 1 Day | Hours: 6 h

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

DESCRIPTION

This Azure AI Document Intelligence training teaches you how to design solutions capable of automatically extracting and structuring information from documents. You will discover how to leverage pre-built models, train custom models and create composed models to handle various formats.

The programme also covers the use of OCR, integration with Azure AI Search and the development of custom skills. Through practical exercises, you will be able to automate complex document processes and build high-performance document intelligence solutions on Azure.

LEARNING OBJECTIVES

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

- Plan and design an Azure AI Document Intelligence solution tailored to business needs
- Use pre-built models to analyse and extract data from documents
- Automate data extraction from forms using OCR and custom models
- Create a composed Form Recognizer model handling multiple document formats
- Develop a custom skill to enrich an Azure AI Search pipeline

PREREQUISITES

- Solid understanding of the creation and use of document intelligence models
- Experience in Python or C# programming
- Familiarity with the Azure portal and provisioning of Azure AI resources

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

TARGET AUDIENCE

AI engineers, data engineers and developers wishing to design document intelligence solutions on Azure for high-volume, document-driven business workflows.

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.

Module 1 – Planning a Document Intelligence Solution

- Components of an Azure AI Document Intelligence solution
- Creating and connecting to the necessary Azure resources
- Choosing between pre-built, custom and composed models

Module 2 – Using Pre-built Models

- Identifying business use cases suited to pre-built models
- Analysing documents using Read, Layout or General Document models
- Processing specialised documents: financial, tax, identity

Module 3 – Extracting Data from Forms

- Automating document processes using layout services
- Using OCR via SDK, REST API or Document Intelligence Studio
- Developing and testing custom models

Module 4 – Creating Composed Models

- Identifying the problems solved by custom models
- Training a model for forms with complex structures
- Designing a model capable of analysing multiple document formats

Module 5 – Integration with Azure AI Search

- Understanding how a custom skill enriches a search pipeline
- Developing a skill calling a Form Analyser solution
- End-to-end integration in a knowledge mining scenario

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%.

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. 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-playing exercises and hands-on work. At the end, a certificate of achievement 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. Contact: contact@mfe-it.com.

PRACTICAL INFORMATION

Trainer Resources

- Structured demonstrations aligned with the detailed programme
- Exercise briefs and solutions throughout the training
- A ready-to-use technical environment for practical workshops
- Trainer validation of acquired knowledge at the end of each workshop
- Digital reference documents

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.

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)
- 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