

Course : Develop AI Agents on Azure (Microsoft AI-3026)

Official Course AI-3026

Practical course - 1d - 7h00 - Ref. MA3

Price : 870 € E.T.

NEW

In this training course, you'll learn how to create, deploy, and manage AI agents using Azure AI Foundry. You'll discover how to integrate advanced AI capabilities into scalable solutions tailored to business needs.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understand the concept of artificial intelligence agents and their use cases in Azure solutions.
- ✓ Learn how to design and build AI agents using Azure AI Foundry.
- ✓ Know how to deploy AI agents in scalable cloud environments.
- ✓ Manage and maintain AI agents to ensure their proper operation and performance.
- ✓ Integrate advanced AI capabilities into customized, interactive solutions on Azure.

Intended audience

Developers, data scientists, and IT professionals who want to build intelligent, interactive, and scalable AI solutions on Azure.

Prerequisites

Basic knowledge of cloud computing and Azure is recommended, along with some programming experience (Python or C#). Familiarity with AI and Azure services is a plus. A good understanding of written English is required.

Practical details

Teaching methods

The training is conducted in French. Official course materials are available in digital format and in English.

Course schedule

PARTICIPANTS

Developers, data scientists, and IT professionals who want to build intelligent, interactive, and scalable AI solutions on Azure.

PREREQUISITES

Basic knowledge of cloud computing and Azure is recommended, along with some programming experience (Python or C#). Familiarity with AI and Azure services is a plus. A good understanding of written English is required.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

1 Developing Artificial Intelligence Agents on Azure

- Get started with AI agent development on Azure.
- Develop an artificial intelligence agent using the Azure AI Foundry Agent Service.
- Develop AI agents using the Microsoft Foundry extension in Visual Studio Code.
- Integrate custom tools into your agent.
- Develop a multi-agent solution using the Azure AI Foundry Agent Service.
- Integrate MCP tools with Azure AI agents.
- Develop an AI agent using the Microsoft Agent Framework.
- Implementing a multi-agent solution using the Microsoft Agent Framework.
- Explore Azure AI agents using the A2A protocol.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

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Dates and locations

REMOTE CLASS

2026 : 14 Dec.

2027 : 19 Mar., 24 Mar., 19 May, 17 June, 18 June, 31 Aug., 17 Sep., 9 Nov., 8 Dec., 10 Dec.

LYON

2027 : 24 Mar., 17 June, 31 Aug., 9 Nov.

PARIS LA DÉFENSE

2026 : 7 Dec.

2027 : 12 Mar., 24 Mar., 19 May, 11 June, 17 June, 31 Aug., 10 Sep., 9 Nov., 3 Dec., 8 Dec.

NANTES

2027 : 24 Mar., 17 June, 31 Aug., 9 Nov.