Microsoft Azure AI Fundamentals

Course code: MOC AI-901

This one-day course introduces the fundamental concepts of artificial intelligence (AI) and the Microsoft Azure services that can be used to build AI-based solutions. The course combines theoretical knowledge of AI with the technical skills essential for a successful career in implementing AI solutions on the Microsoft Azure platform.

Affiliate	Duration	Course price	ITB
Praha	1	7 400 Kč	10
Brno	1	7 400 Kč	10
Bratislava	1	320 €	10

The prices are without VAT.

Course terms

	Date	Duration	Course price	Type	Course language	Location
	14.12.2026	1	7 400 Kč	Presence	CZ/SK	GOPAS Brno
	08.02.2027	1	7 400 Kč	Presence	CZ/SK	GOPAS Praha
	08.03.2027	1	7 400 Kč	Online	CZ/SK	Online
	08.03.2027	1	320 €	Online	CZ/SK	Online
	31.05.2027	1	7 400 Kč	Presence	CZ/SK	GOPAS Praha
	29.06.2027	1	7 400 Kč	Online	CZ/SK	Online
	29.06.2027	1	320 €	Online	CZ/SK	Online
	09.09.2027	1	7 400 Kč	Presence	CZ/SK	GOPAS Praha
	18.10.2027	1	7 400 Kč	Online	CZ/SK	Online
	18.10.2027	1	320 €	Online	CZ/SK	Online

The prices are without VAT.

Assumed entry knowledge

Awareness and basic knowledge in the scope of the courses listed in the sections Previous courses and Related courses

Course outline

- Introduction to the principles of operation of generative AI and the work of agents
- Introduction to natural language processing mechanisms
- Introduction to the principles of AI speech and understanding
- Introduction to the possibilities of computer vision and graphics analysis
- How AI extracts and summarizes information
- Research Augmented Generation (RAG) Concepts
- Development of AI applications on Azure
- Microsoft Foundry for AI technology
- Use of Microsoft Foundry endpoints
- Generative AI models
- Creating AI agents
- Text analysis in Foundry
- Creating a client application analyzing text
- Agent's use of Azure Language technology
- Speech recognition

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- Speech synthesis
- Creating a talking agent
- Multimodal models for image analysis
- Models for image generation
- Models for video generation
- Summary of information from documents
- Summarization of information from audio and video
- Introduction to Foundry IQ technology
- Knowledge base
- Agent connection to Foundry IQ

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