Design and build integrated AI agent solutions in Copilot Studio

CODICE	AB-620T00
DURATA	3 gg
PREZZO	1.250,00 €
EXAM	

DESCRIZIONE

In this course, you learn how to design, build, and manage production-ready AI agent solutions using Microsoft Copilot Studio—with a focus on building agents that integrate across systems and operate reliably at enterprise scale. You'll go beyond creating standalone agents and learn how to deliver end-to-end solutions that automate real business processes, connect to enterprise data, and take meaningful action across platforms. Throughout the course, you'll apply best practices for integration, governance, security, and responsible AI, so your agents are ready for real-world deployment. By the end of this course, you'll be able to:

- Design Copilot Studio agents that integrate with enterprise systems and data using connectors, APIs, Azure AI Search, and Model Context Protocol (MCP)
- Build and orchestrate advanced workflows and multi-agent solutions
- Automate complex scenarios, including human-in-the-loop and computer-use workflows
- Apply identity, security, governance, and responsible AI considerations during solution design and implementation
- Test, monitor, and manage agents as enterprise-grade solutions

TARGET

This course is designed for advanced builders and professional developers who want to design, extend, and integrate Copilot Studio agents. Your goal is to automate real business processes by connecting agents to enterprise data, systems, and services—while applying sound design, security, governance, and responsible AI practices.

PREREQUISTI

You should already have hands-on experience building agents in Copilot Studio, an intermediate understanding of generative AI concepts, proficiency working with REST APIs, and familiarity with the broader Microsoft cloud platform.

CONTENUTI

Design agent conversations and responses using topics in Microsoft Copilot Studio

- Deliver rich agent responses using Adaptive Cards in Microsoft Copilot Studio
- Take action from agent conversations using topics and tools in Microsoft Copilot Studio
- Generate AI-powered agent responses using generative answers in Microsoft Copilot Studio

Design and build multi-agent solutions in Microsoft Copilot Studio

- Design multi-agent solutions in Microsoft Copilot Studio
- Delegate agent tasks using child agents in Copilot Studio
- Build multi-agent solutions using connected agents in Copilot Studio
- Build cross-platform multi-agent solutions using the Agent2Agent protocol in Microsoft Copilot Studio

Integrate agents with enterprise systems in Microsoft Copilot Studio

- Design integration strategies for agents in Microsoft Copilot Studio
- Take action in external systems using connector and REST API agent tools in Microsoft Copilot Studio
- Ground agents with enterprise knowledge using connectors and Azure AI Search in Microsoft Copilot Studio
- Integrate agents with external systems via MCP in Microsoft Copilot Studio