Design and build integrated AI agent solutions in Copilot Studio

AB-620T00-A

Course code	AB-620T00-A
Duration	3 days
Level	Intermediate
Product	Azure; Microsoft 365 Copilot; Microsoft Copilot Studio; Microsoft Power Platform
Role	Developer, App Maker
Subject	Generative AI; Solution design
Related certification	Microsoft Certified: AI Agent Builder Associate

Overview

This course prepares learners to implement production-ready Copilot Studio agents and multi-agent solutions capable of sophisticated reasoning, workflow automation, and enterprise integration. Learners design architectures, configure advanced behaviors, integrate external systems, and manage testing, deployment, monitoring, and application lifecycle management.

Audience profile

Advanced builders and professional developers who want to design, extend, and integrate Copilot Studio agents to automate real business processes. Learners should already have hands-on Copilot Studio experience, an intermediate understanding of generative AI, proficiency with REST APIs, and familiarity with the Microsoft cloud platform.

Prerequisites

- Hands-on experience building agents in Microsoft Copilot Studio
- Intermediate understanding of generative AI concepts
- Proficiency working with REST APIs
- Familiarity with Microsoft cloud services and identity concepts

Course syllabus

Design and configure agents in Microsoft Copilot Studio (GitHub Copilot)

- Explore Microsoft Copilot Studio and agent harnesses
- Manage usage and cost for agents in Microsoft Copilot Studio
- Create instruction-driven agents in Microsoft Copilot Studio
- Design reusable behavior with skills in Microsoft Copilot Studio

Automate business processes with workflows and agents in Microsoft Copilot Studio (GitHub Copilot)

- Design integration strategies for agents
- Automate agent tasks with workflows
- Add human-in-the-loop steps to workflows

Integrate agents with enterprise systems in Microsoft Copilot Studio (GitHub Copilot)

- Design integration strategies for agents
- Ground agents in enterprise knowledge
- Extend agents with tools
- Connect agents to MCP servers
- Integrate agents with Microsoft IQ services

Design and build connected agent solutions in Microsoft Copilot Studio (GitHub Copilot)

- Design multi-agent solutions in Microsoft Copilot Studio
- Build connected agent solutions in Microsoft Copilot Studio

Evaluate, publish, and manage agents in Microsoft Copilot Studio (GitHub Copilot)

- Design a governance and security strategy for agents
- Design a responsible AI strategy for agents
- Evaluate agents
- Monitor and improve agents
- Manage the agent application lifecycle

Related certification

Microsoft Certified: AI Agent Builder Associate

Official Microsoft Learn source

https://learn.microsoft.com/en-us/training/courses/ab-620t00