



MICROSOFT TRAINING

Microsoft Copilot Studio Development Course

Develop custom AI copilots and extend Microsoft Copilot capabilities with Copilot Studio. Master advanced bot development and integration.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This course delves into Microsoft Copilot Studio, empowering participants to design, build, and deploy custom AI copilots for various business needs. You'll gain hands-on experience with its intuitive low-code interface, learning to integrate powerful generative AI capabilities, connect to diverse data sources, and extend functionality using Power Platform and Azure services. The training covers everything from crafting conversational flows and handling complex user inputs to publishing and managing copilots within an enterprise environment, ensuring you can create intelligent agents that seamlessly integrate into existing business processes.

By mastering Microsoft Copilot Studio, you will unlock the ability to revolutionize how businesses interact with information and automate processes. This skill set is critical for enhancing operational efficiency, improving customer service, and enabling data-driven decision-making through intelligent conversational AI. Professionals completing this course will be well-equipped to drive digital transformation initiatives, creating intelligent agents that streamline workflows and provide instant access to tailored information across departments, ultimately boosting productivity and user satisfaction.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Microsoft Copilot Studio & Generative AI

- Understanding Microsoft Copilot Studio's role in the Microsoft AI ecosystem
- Core concepts of conversational AI and large language models (LLMs)
- Navigating the Copilot Studio interface and workspaces
- Planning and designing effective copilot experiences and user journeys

02 Module 2: Building Foundational Topics and Conversational Flows

- Creating and managing topics (user intents and system topics)
- Designing conversational flows with triggered phrases, nodes, and branches
- Implementing variables and entities for dynamic conversations and data capture
- Utilizing predefined and creating custom entities for specific data types

03 Module 3: Integrating Data and Extending Functionality

- Connecting to external data sources using pre-built connectors
- Invoking Power Automate flows from Copilot Studio for complex actions
- Working with Power Fx for advanced logic and calculations within topics
- Integrating with Azure Bot Service for custom code extensions (if required)

04 Module 4: Enhancing Copilots with Generative AI and Rich Interactions

- Leveraging generative AI capabilities for automatic topic creation and answer generation
- Designing effective prompts for AI-driven responses and content creation
- Implementing adaptive cards for rich user interactions and visual elements
- Managing Fallback topics and robust error handling strategies

05 Module 5: Publishing, Security, Monitoring & Governance

- Publishing copilots to various channels (websites, Microsoft Teams, custom applications)
- Understanding security roles and access management within Copilot Studio

- Monitoring copilot performance, usage analytics, and sentiment analysis
- Strategies for governance, version control, and lifecycle management of copilots

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Power Platform Developer specializing in AI Solutions**
- > **AI Solutions Architect (focused on Microsoft ecosystem)**
- > **Business Applications Consultant (with Copilot Studio expertise)**

FREQUENTLY ASKED QUESTIONS

Q: What specific prerequisites are recommended for getting the most out of this Microsoft Copilot Studio Development Course?

While this is an intermediate course, a basic understanding of the Microsoft Power Platform (Power Automate, Power Apps) and general concepts of cloud computing (Azure basics) would be highly beneficial. Familiarity with logical thinking and problem-solving is also key, though no prior coding experience is strictly required due to Copilot Studio's low-code nature, making it accessible to a wide range of IT professionals.

Q: How will learning Microsoft Copilot Studio development directly impact my career trajectory within an organization?

Mastering Microsoft Copilot Studio positions you as a critical asset in digital transformation initiatives. You'll be able to design and implement intelligent conversational agents that automate customer service, streamline internal operations, and provide employees with instant access to information. This skill set is highly sought after for roles focused on improving efficiency, enhancing user experience, and leveraging AI for business advantage, often leading to opportunities in AI solutions architecture, Power Platform development, or business consulting.

Q: Beyond the core development, does this course cover best practices for deploying and maintaining copilots in a production environment?

Yes, the course goes beyond just development. It includes dedicated modules on publishing your copilots to various channels (like websites and Microsoft Teams), understanding security implications, and implementing governance strategies to ensure compliance and effective management. You will also learn how to monitor copilot performance using built-in analytics and manage their lifecycle to ensure long-term effectiveness, continuous improvement, and secure operation in a production setting.

ABOUT COMPUTER PRIDE

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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50+

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READY TO ENROL?

Take the next step in your technology career.

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