

**Create Custom Copilots with Azure AI Studio (AI-3016)**

**Course Number:** MOC-AI-3016
**Duration:** 1 day

**Overview**

Generative Artificial Intelligence (GenAI) is becoming more accessible through easy-to-use platforms like Azure AI Studio. This official Microsoft course, Create Custom Copilots with Azure AI Studio (AI-3016), teaches attendees how to build generative AI applications like custom copilots that use language models and prompt flow.

**Prerequisites**

 All attendees must be familiar with fundamental AI concepts and services in Azure.

**Materials**

All Microsoft Azure AI training students receive Microsoft official courseware.

For all Microsoft Official Courses taught in their entirety that have a corresponding certification exam, an exam voucher is included for each participant.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* Understand Microsoft Azure's multiple services that enable developers to build AI-powered solutions
* Explore how Azure AI Studio integrates services into a single unified experience for AI development on the Azure cloud platform
* use prompt flow to develop applications that leverage language models in the Azure AI Studio
* Work with Copilots to provide suggestions, generate content, or help make decisions
* Understand how Generative AI must be implemented responsibly to minimize the risk of harmful content generation

**Outline**

* Introduction to Azure AI Studio
	+ What is Azure AI Studio?
	+ How does Azure AI Studio work
	+ When to use Azure AI Studio
	+ Explore Azure AI Studio
* Get Started with Prompt Flow to Develop Language Model Apps in the Azure AI Studio
	+ Understand the development lifecycle of a large language model (LLM) app
	+ Understand core components and explore flow types
	+ Explore connections and runtimes
	+ Explore variants and monitoring options
	+ Get started with prompt flow
* Build a RAG-Based Copilot Solution with Your Own Data using Azure AI Studio
	+ Understand how to ground your language model
	+ Make your data searchable
	+ Build a copilot with prompt flow
	+ Create a custom copilot that uses your own data
* Responsible Generative AI in AI Studio
	+ Plan a responsible generative AI solution
	+ Identify potential harms
	+ Measure potential harms
	+ Mitigate potential harms
	+ Operate a responsible generative AI solution
	+ Explore content filters in Azure AI Studio
* Conclusion