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Technology:

**Difficulty: Beginner** 

**Course Duration: 1 Day** 

Next Course Date: December 8, 2025

# Develop custom copilots with Azure Al Studio (Al-3016)



#### **About Course:**

Generative Artificial Intelligence (AI) is becoming more accessible through easy-touse platforms like Azure AI Studio. Learn how to build generative AI applications like custom copilots that use language models and prompt flow to provide value to your users.

### **Course Objectives:**

- Introduction to Azure Al Studio
- Explore and deploy models from the model catalog in Azure Al Studio
- Get started with prompt flow to develop language model apps in the Azure Al Studio
- Build a RAG-based copilot solution with your own data using Azure Al Studio
- Integrate a fine-tuned language model with your copilot in the Azure Al Studio
- Evaluate the performance of your custom copilot in the Azure Al Studio
- Responsible generative AI in AI Studio

#### Audience:

- Al Engineers / Data Scientists
- Technical Leads & Cloud Solution Architects

## **Prerequsites:**

 Before starting this module, you should be familiar with fundamental Al concepts and services in Azure.

#### **Course Outline:**

- What is Azure Al Studio?
- How does Azure Al Studio work
- When to use Azure Al Studio
- Explore the language models in the model catalog
- · Deploy a model to an endpoint

- Improve the performance of a language model
- 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
- Understand how to ground your language model
- Make your data searchable
- Build a copilot with prompt flow
- Understand when to fine-tune a language model
- Prepare your data to fine-tune a chat completion model
- Explore fine-tuning language models in Azure Al Studio
- Assess the model performance
- Manually evaluate the performance of a model
- · Assess the performance of your custom copilot
- Plan a responsible generative AI solution
- · Identify potential harms
- Measure potential harms
- Mitigate potential harms
- Operate a responsible generative AI solution