

Develop custom copilots with Azure AI Studio

Course Duration: 8 Hrs.

Course Code: AI-3016

Course Overview

Our course focuses on real implementations with real-world labs, so learners are ready to apply these techniques in their live environments and take the leap forward. This course is suitable for developers with familiarity of navigating C#, knowledge of the Azure basics, and working with VS Code.

What you'll learn?

After completing this course, students will be able to:

- Understand and utilize models in the model catalog
- Use prompt flow to implement custom logic using your language model
- Implement RAG in Azure AI Foundry
- Understand and create a fine-tuned model
- Create responsible AI solutions with content filters
- Evaluate performance of custom prompt flows

Course Content

Module 01: Introduction to Azure AI Foundry

- What is Azure AI Foundry
- How does Azure AI Foundry work
- When to use Azure AI Foundry Connect an app to Document Intelligence APIs

Module 02: Explore & deploy models from model catalog in Azure AI Foundry portal

- Explore the language models in the model catalog Deploy a model
- Improve the performance of a language model

Module 03: Get started with prompt flow to develop LLM Apps in Azure AI Foundry

- Understand the development of a large language model (LLM) app
- Understand when to fine-tune a language model
- Explore fine-tuning language models in Azure AI Studio

Module 04: Fine-tune a language model with Azure AI Foundry

- 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 AI Studio
- Generative AI solution

Module 06: Evaluate the performance of generative AI apps with Azure AI Foundry

- Assess the model performance
- Manually evaluate the performance of a model
- Assess the performance of your generative AI apps

Module 07: Responsible generative AI

- Plan a responsible generative AI solution
- Identify potential harms
- Measure potential harm
- Mitigate potential harm
- Operate a responsible generative AI solution

Pre-Requisites

Familiarity with Azure AI Services and the Azure portal.