

KOENIG SOLUTIONS • COURSE OUTLINE

No-Code Copilot App Using Azure OpenAI

Learn to build no-code copilot apps with Azure OpenAI, from studio playgrounds and prompt engineering to Semantic Kernel integration.

8 Hours

DURATION

6

MODULES

18

TOPICS

6

HANDS-ON ACTIVITIES

COURSE OVERVIEW

This course covers Azure OpenAI's language, code, and image capabilities along with its responsible AI practices, base models, and resource deployment. It then moves into the Azure OpenAI Studio Playground before building web chat copilot apps using both Azure OpenAI Studio and Microsoft Copilot Studio.

The course also addresses prompt engineering techniques such as iterative prompting, summarization, inference, and transformation, concluding with an introduction to Semantic Kernel architecture, plugins, and function chaining.

WHO THIS COURSE IS FOR

App Developers

AI Solution Builders

Prompt Engineers

Copilot Studio Developers

Automation Specialists

PREREQUISITES

- No Pre-requisites

TOOLS AND REQUIREMENTS

Note

- To complete the hands-on labs in this course, students require an Azure subscription that has been approved for access to the Azure OpenAI service: <https://aka.ms/oai/access>
- For Microsoft Copilot Studio lab, students need to have their copilot studio account. Trial Signup process: [https://learn.microsoft.com/en-us/microsoft-copilotstudio/sign-up-individual?](https://learn.microsoft.com/en-us/microsoft-copilotstudio/sign-up-individual?source=recommendations)

What You Will Learn

- Explain Azure OpenAI's language, code, and image capabilities
- Describe responsible AI practices and limited access policies
- Create Azure OpenAI resources and deploy models
- Apply Azure OpenAI Studio to generate text, code, and images
- Build a chat copilot app using Azure OpenAI Studio
- Build a copilot web app using Microsoft Copilot Studio
- Apply prompt engineering techniques such as summarization and inference
- Explain Semantic Kernel architecture and native function chaining

COURSE SYLLABUS

6 Modules, 18 Topics

01

Introduction to Azure OpenAI

TOPICS

- Azure OpenAI's language, code, and image capabilities
- Azure OpenAI's responsible AI practices and limited access policies
- Types of Azure OpenAI's base model
- Creation of Azure OpenAI resource and model deployment

02

Azure OpenAI Studio Playground

TOPICS

Azure OpenAI Studio features and capabilities

3 Hands-ons

03

Web Chat Copilot App Using Azure OpenAI Studio

TOPICS

- **Components for Copilot:** Usage & role of Azure Storage Account, Azure Cognitive Search, Azure App Services, App Service Plans, Azure Cosmos DB & Power Virtual Agent
- **Workflow:** Data Augmentation Vs Fine Tune Models

Hands-on

04

Hands-on

Web Chat Copilot App Using Microsoft Copilot Studio

TOPICS

- Microsoft Copilot Studio (formerly Power Virtual Agent) features and capabilities
- **Components of Microsoft Copilot Studio:** Authoring canvas, Topics, Variables, Generative AI

05

Hands-on

Prompt Engineering Using Azure OpenAI Studio

TOPICS

Understanding Text Prompting · Iterative Techniques for Text Prompting · Using Summarization Techniques · Inference Techniques in Text Prompting · Transformation Techniques for Text

06

Introduction to Semantic Kernel

TOPICS

- Architecture view of Semantic Kernel
- Concept of Chat Plugin & its Integration into Applications
- Native Functions & Chaining Functions
- Basic demo on working of Semantic Kernel

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
02	Azure OpenAI Studio Playground	■ Generate text using Azure OpenAI studio ■ Generate code using Azure OpenAI studio ■ Generate images using Azure OpenAI studio
03	Web Chat Copilot App Using Azure OpenAI Studio	Build your own chat copilot Azure OpenAI studio
04	Web Chat Copilot App Using Microsoft Copilot Studio	Build a Copilot Web App using Microsoft Copilot Studio
05	Prompt Engineering Using Azure OpenAI Studio	Performing labs on different prompting techniques

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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