AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service

Category: AI, Data & Analytics | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Develop generative AI solutions with Azure OpenAI Service
Related Exam:	AI-050

Course Overview

Note Generative AI is a fast-evolving field of artificial intelligence, and the Azure OpenAI service is subject to frequent changes. The course materials are maintained to reflect the latest version of the service at the time of writing. Azure OpenAI Service provides access to OpenAI's powerful large language models such as GPT; the model behind the popular ChatGPT service. These models enable various natural language processing (NLP) solutions to understand, converse, and generate content. Users can access the service through REST APIs, SDKs, and Azure OpenAI Studio. In this course, you'll learn how to provision Azure OpenAI service, deploy models, and use them in generative AI applications.

About This Course

Note Generative AI is a fast-evolving field of artificial intelligence, and the Azure OpenAI service is subject to frequent changes. The course materials are maintained to reflect the latest version of the service at the time of writing. Azure OpenAI Service provides access to OpenAI's powerful large language models such as GPT; the model behind the popular ChatGPT service. These models enable various natural language processing (NLP) solutions to understand, converse, and generate content. Users can access the service through REST APIs, SDKs, and Azure OpenAI Studio. In this course, you'll learn how to provision Azure OpenAI service, deploy models, and use them in generative AI applications.

Who Should Attend

The audience for this course includes software developers and data scientists who need to use large language models for generative AI. Some programming experience is recommended, but the course will be valuable to anyone seeking to understand how the Azure OpenAI service can be used to implement generative AI solutions.

Prerequisites & Entry Requirements

General Prerequisites:

- Familiarity with Azure and the Azure portal.
- Experience programming with C# or Python.

Detailed Course Outline

1 - Get started with Azure OpenAI Service

- Access Azure OpenAI Service
- Use Azure OpenAI Studio
- Explore types of generative AI models
- Deploy generative AI models
- Use prompts to get completions from models
- Test models in Azure OpenAI Studio's playgrounds

2 - Build natural language solutions with Azure OpenAI Service

- Integrate Azure OpenAI into your app
- Use Azure OpenAI REST API
- Use Azure OpenAI SDK

3 - Apply prompt engineering with Azure OpenAI Service

- Understand prompt engineering
- Write more effective prompts
- Provide context to improve accuracy

4 - Generate code with Azure OpenAI Service

- Construct code from natural language
- Complete code and assist the development process
- Fix bugs and improve your code

5 - Generate images with Azure OpenAI Service

- What is DALL-E?
- Explore DALL-E in Azure OpenAI Studio
- Use the Azure OpenAI REST API to consume DALL-E models

6 - Implement Retrieval Augmented Generation (RAG) with Azure OpenAI Service

- Understand Retrieval Augmented Generation (RAG) with Azure OpenAI Service
- Add your own data source
- Chat with your model using your own data

□□ Certification Path

Microsoft Applied Skills: Develop generative AI solutions with Azure OpenAI Service

Exam: AI-050

Frequently Asked Questions

Q: What delivery options are available for AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service course helps prepare you for the Microsoft Applied Skills: Develop generative AI solutions with Azure OpenAI Service certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the AI-050 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service?

Yes, we provide corporate training, dedicated training, and closed classes for AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your AI-050T00 Develop Generative AI Solutions with Azure OpenAI Service training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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