



MICROSOFT TRAINING

Master Azure Openai Language Course Online

Unlock the power of Azure OpenAI Language. Develop and deploy advanced AI solutions, leveraging Microsoft's cutting-edge language models.

DURATION

24 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of cutting-edge artificial intelligence with Computer Pride's 'Master Azure OpenAI Language Course Online'. This intermediate-level program is meticulously designed for developers, data scientists, and IT professionals eager to harness Microsoft Azure's robust cloud infrastructure for deploying and managing OpenAI's advanced language models. Over 24 intensive hours, you will delve into the core concepts of generative AI, large language models (LLMs), and prompt engineering, gaining practical expertise in leveraging services like GPT-3.5, GPT-4, and DALL-E directly within the secure and scalable Azure environment. This course goes beyond theoretical knowledge, focusing on practical application and best practices.

Duration	24 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Azure OpenAI Service

- Understanding Generative AI and Large Language Models (LLMs)
- Overview of Azure OpenAI Service and its capabilities
- Key features, benefits, and use cases
- Setting up your Azure OpenAI environment and Azure AI Studio
- Exploring different OpenAI models available on Azure (GPT, Embeddings, DALL-E)

02 Module 2: Mastering Prompt Engineering

- Fundamentals of effective prompt design
- Techniques for text generation, summarization, and translation
- Implementing zero-shot, few-shot, and chain-of-thought prompting
- Prompting for code generation and specialized tasks
- Advanced prompt patterns for complex problem-solving and reasoning

03 Module 3: Integrating Azure OpenAI into Applications

- Working with Azure OpenAI APIs and SDKs (Python and REST)
- Authentication and authorization mechanisms for Azure OpenAI
- Building applications using the Completions and Chat Completions APIs
- Integrating Azure OpenAI with other Azure services (e.g., Functions, Logic Apps)
- Handling input/output and managing API responses

04 Module 4: Building Intelligent AI Solutions

- Developing conversational AI agents and chatbots
- Implementing Retrieval-Augmented Generation (RAG) patterns
- Utilizing embeddings for semantic search, recommendation systems, and data analysis
- Orchestrating complex AI workflows and multi-turn interactions
- Introduction to fine-tuning concepts for custom model behavior

05 Module 5: Responsible AI and Deployment Best Practices

- Ethical considerations and responsible AI principles in generative models
- Mitigating bias, ensuring fairness, and content safety
- Data privacy, security, and compliance with Azure OpenAI

- Monitoring and managing Azure OpenAI deployments
- Cost management, optimization strategies, and governance

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure AI Developer**
- > **Prompt Engineer & LLM Application Specialist**
- > **AI Solutions Architect (focused on Generative AI)**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or technical background is recommended to effectively participate in this Intermediate-level Master Azure OpenAI course?

To get the most out of this course, participants should have a basic understanding of programming concepts, preferably with some exposure to Python. Familiarity with cloud computing fundamentals, especially Microsoft Azure services, and a conceptual grasp of artificial intelligence or machine learning would be highly beneficial, though not strictly mandatory for all modules.

Q: How will completing this specific course enhance my career prospects in the rapidly evolving field of AI development?

This 'Master Azure OpenAI Language Course Online' provides hands-on expertise with one of the industry's most sought-after AI platforms, Microsoft Azure OpenAI. You will gain practical skills in prompt engineering, integrating LLMs into applications, and developing intelligent solutions, positioning you as a valuable asset for roles requiring modern AI implementation. This practical knowledge is critical for building innovative applications and driving digital transformation, making you highly competitive for specialized AI roles.

Q: Does the course cover advanced techniques for optimizing the performance and managing the cost-efficiency of Azure OpenAI model deployments?

Yes, absolutely. Beyond foundational integration, this course dedicates significant attention to best practices for prompt optimization to improve model accuracy and efficiency. We also cover strategies for cost management, including understanding token usage, monitoring API calls, and implementing deployment strategies that balance performance with budget, ensuring you can build scalable and economically viable AI solutions.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors

have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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