

ENTERPRISE PROGRAM BRIEF

VNode ITeS

Azure OpenAI & Generative AI Fundamentals

Program aligned

Deploy Azure OpenAI, apply prompt engineering fundamentals, and understand governance requirements for enterprise AI.

AI

Beginner

DURATION

3 days

LEVEL

Beginner

FORMAT

Virtual or On-site

CERTIFICATION

Available on request

AUDIENCE PROFILE

Built for these roles

Developers, architects, and technical leads exploring enterprise AI adoption

OVERVIEW

Executive overview

This program introduces Azure OpenAI Service, core LLM capabilities, and enterprise application patterns. Participants move beyond theory by deploying Azure-hosted GPT models, writing effective prompts for real tasks, and understanding governance requirements for responsible AI in production.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Deploy and call Azure OpenAI endpoints via SDK
- Apply prompt engineering techniques across common enterprise tasks
- Understand model selection trade-offs (GPT-4o, GPT-4, embedding models)
- Address AI ethics, data privacy, and responsible AI requirements

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Gives technical teams a grounded foundation in Azure AI services before committing to production AI investments.

Customization options

- Industry-specific use cases (finance, healthcare, retail, manufacturing)
- Python or C# SDK focus based on team preference
- Extended responsible AI governance module

TRAINING PROVIDER

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CURRICULUM

Curriculum roadmap

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MODULE 1

Azure OpenAI Service

Deploy and configure Azure OpenAI endpoints, understand the model catalog and quota management, and call GPT-4o via SDK for enterprise AI scenarios.

- configure Azure OpenAI endpoints
- understand the model catalog
- quota management
- and call GPT-4o via SDK for enterprise AI scenarios

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MODULE 2

GPT-4o and Prompt Engineering

Apply systematic prompt engineering techniques for real-world business tasks using zero-shot, few-shot, and chain-of-thought patterns.

- Apply systematic prompt engineering techniques for real-world business tasks using zero-shot
- and chain-of-thought patterns

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MODULE 3

AI Ethics and Governance

Address responsible AI requirements, data privacy, content filtering, and enterprise usage policies for compliant AI deployment.

- Address responsible AI requirements
- data privacy
- content filtering
- and enterprise usage policies for compliant AI deployment

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MODULE 4

Enterprise Deployment Basics

Integrate Azure OpenAI into applications via SDK, manage quotas and endpoints, and design a production-ready deployment architecture.

- Integrate Azure OpenAI into applications via SDK
- manage quotas
- and design a production-ready deployment architecture

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