

PROFESSIONAL COURSE OUTLINE

VNode ITeS

Azure OpenAI & Generative AI Fundamentals

Program aligned

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.

AI

Beginner

PROGRAM CODE

Program aligned

DELIVERY

Virtual or On-site

DURATION

3 days

CERTIFICATION

Available on request

AUDIENCE PROFILE

Who This Program Is For

Developers, architects, and technical leads exploring enterprise AI adoption

PROGRAM SUMMARY

What This Course Covers

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

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



Plan the next session

We can tune this outline around your delivery goals and team mix.

TALK TO US

 info@vnodeites.com +91 9419 11 4792 +91 9419 11 4792

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OFFICE

Wework, DLF Forum Infinity Tower C, Gurugram, INDIA

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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