

MICROSOFT OFFICIAL CURRICULUM

NVIDIA

Building RAG Agents With LLMs

Program aligned

Official NVIDIA DLI generative AI program focused on retrieval-augmented generation systems and agent-based LLM workflows.

AI

Advanced

LangChain, FAISS, NVIDIA AI Foundation endpoints

DURATION

8 hours

LEVEL

Advanced

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Available on request

AUDIENCE PROFILE

Built for these roles

Built for practitioners who want to move from general LLM usage into retrieval-grounded and agentic system design for production-facing solutions.

OVERVIEW

Executive overview

This NVIDIA DLI course teaches teams how to design retrieval-augmented generation systems and bundle them into deliverable formats. It also explores advanced LLM composition techniques for internal reasoning, dialog management, and tooling.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Design and structure retrieval-augmented generation systems
- Build more capable agent-style LLM workflows
- Apply advanced composition patterns for tooling and dialog management
- Improve readiness for enterprise RAG deployment and scaling

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Directly supports enterprise GenAI adoption by helping teams build retrieval-based, tool-using LLM agents that can support real business workflows.

Customization options

- Use your enterprise knowledge or document workflow as the basis
- Add governance and evaluation emphasis for regulated scenarios
- Extend into deployment, serving, and operationalization decisions

TRAINING PROVIDER


VNode ITeS


MICROSOFT CERTIFIED TRAINER

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CURRICULUM

Curriculum roadmap

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MODULE 1

Design retrieval-grounded LLM systems

Learn the foundations of retrieval-augmented generation systems and the decisions involved in building grounded, useful LLM solutions.

- RAG system fundamentals
- Dialog and reasoning patterns

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MODULE 2

Build agentic and tool-using workflows

Use orchestration and packaging patterns to create more capable LLM agents that can interact with tools and deliver measurable outcomes.

- Agent and tool orchestration
- Deliverable system packaging

PRIVATE DELIVERY

Plan a private cohort for your team





Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

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