

## PROFESSIONAL COURSE OUTLINE

NVIDIA

# Rapid Application Development Using Large Language Models

Program aligned

This NVIDIA DLI course gives teams applied knowledge of LLM application development by exploring the open-source ecosystem, including pretrained LLMs and frameworks that speed up solution delivery. It is well suited for organizations moving quickly into applied generative AI development.

AI

Intermediate to Advanced

PyTorch, Hugging Face, LangChain, LlamaIndex

## PROGRAM CODE

Program aligned

## DELIVERY

Virtual, On-site, or Hybrid

## DURATION

8 hours

## CERTIFICATION

Available on request

## AUDIENCE PROFILE

## Who This Program Is For

Built for developers who already understand core Python and basic deep learning concepts and now need a structured path into LLM application development.

## PROGRAM SUMMARY

## What This Course Covers

Official NVIDIA DLI generative AI program focused on enterprise LLM application development using open-source models and frameworks.

## 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

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## OFFICE

Wework, DLF Forum Infinity Tower C, Gurugram, INDIA

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## MODULE 1

**Learn the LLM application stack**

Build working familiarity with pretrained large language models, open-source tooling, and the frameworks used to accelerate application development.

- LLM ecosystem foundations
- Working with pretrained open-source models

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## MODULE 2

**Prototype LLM solutions quickly**

Use orchestration frameworks and applied development patterns to speed up application prototyping and implementation.

- Rapid application prototyping
- Framework-driven orchestration patterns

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