

PROFESSIONAL COURSE OUTLINE

NVIDIA

Enhancing Data Science Outcomes With Efficient Workflows

Program aligned

This NVIDIA DLI program teaches teams how to create an end-to-end, hardware-accelerated machine learning pipeline for large datasets. It emphasizes diagnostics, workflow analysis, and mitigation of common performance pitfalls across the development lifecycle.

Data

Advanced

NVIDIA RAPIDS, Triton Inference Server

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

8 hours

CERTIFICATION

Available on request

AUDIENCE PROFILE

Who This Program Is For

Designed for experienced data science teams that want more efficient accelerated workflows, better diagnostics, and stronger operational performance at scale.

PROGRAM SUMMARY

What This Course Covers

Official NVIDIA DLI program focused on building efficient, diagnostic-driven, hardware-accelerated machine learning workflows for large datasets.

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.

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MODULE 1

Design more efficient accelerated ML workflows

Structure end-to-end workflows for large datasets using GPU-aware tools, libraries, and platform decisions.

- Accelerated ML pipeline architecture
- Efficient feature and training workflows



Plan the next session

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

TALK TO US

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MODULE 2

Diagnose and improve workflow bottlenecks

Use diagnostic techniques and performance analysis to identify delays and improve development-to-inference efficiency.

- Diagnostic tooling and bottleneck analysis
- Inference and workflow optimization

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