

PROFESSIONAL COURSE OUTLINE

NVIDIA

Fundamentals of Accelerated Data Science

Program aligned

This NVIDIA DLI program teaches teams how to perform multiple analysis tasks on large datasets using RAPIDS, NVIDIA's collection of accelerated data science libraries. It provides a strong delivery foundation for modern GPU-accelerated data preparation, analysis, and machine learning workflows.

Data

Intermediate

NVIDIA RAPIDS

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 data scientists who already work with Python-based analytics and want to apply GPU acceleration to real data preparation, analysis, and machine learning workflows.

PROGRAM SUMMARY

What This Course Covers

Official NVIDIA DLI program focused on end-to-end GPU acceleration for enterprise data science workflows using RAPIDS libraries.

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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MODULE 1

Learn RAPIDS and accelerated workflow fundamentals

Build a delivery foundation in NVIDIA RAPIDS for dataframe operations, machine learning, and graph analytics on large datasets.

- RAPIDS foundations
- GPU-accelerated dataframe operations

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MODULE 2

Apply acceleration across end-to-end data science tasks

Use GPU-accelerated tools to improve model development, analysis speed, and workflow scalability across real tabular data science scenarios.

- Accelerated machine learning workflows
- Graph and end-to-end data science patterns

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