

MICROSOFT OFFICIAL CURRICULUM

NVIDIA

Fundamentals of Accelerated Data Science

Program aligned

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

Data

Intermediate

NVIDIA RAPIDS

DURATION

8 hours

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Available on request

AUDIENCE PROFILE

Built for these roles

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.

OVERVIEW

Executive overview

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.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Use RAPIDS libraries for accelerated data science workflows
- Work with GPU-accelerated dataframes, ML, and graph analytics
- Improve performance across end-to-end tabular analysis tasks
- Build stronger readiness for production-scale accelerated analytics

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Helps data teams speed up analytics and machine learning workflows on large datasets by adopting GPU-accelerated data science foundations with RAPIDS.

Customization options

- Use your tabular analytics scenario and representative datasets
- Add Spark or deployment-focused follow-on modules
- Extend into enterprise adoption planning for accelerated data science

TRAINING PROVIDER

VNode ITeS


MICROSOFT CERTIFIED TRAINER

vnodeites.com

[linkedin.com/company/vnodeites](https://www.linkedin.com/company/vnodeites)

TALK TO US

 info@vnodeites.com

 +91 9419 11 4792

 WhatsApp · +91 9419 11 4792

 +91 7780 81 1685

OFFICE

DLF Cyber City, Gurugram

Haryana — India

Azure · AI · Data · Power Platform

CURRICULUM

Curriculum roadmap

1

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

2

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

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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TALK TO US

-  info@vnodeites.com
-  +91 9419 11 4792
-  WhatsApp +91 9419 11 4792
-  +91 7780 81 1685

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Haryana — India
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