MICROSOFT OFFICIAL CURRICULUM

Introduction to Physics-informed Machine Learning with PhysicsNeMo

NVIDIA

Program aligned

NVIDIA Deep Learning Institute-aligned program for Introduction to Physics-informed Machine Learning with PhysicsNeMo.

AI | Intermediate | NVIDIA PhysicsNeMo

DURATION	LEVEL	FORMAT	CERTIFICATION
8 hours	Intermediate	Virtual, On-site, or Hybrid	NVIDIA DLI Certificate of Competency

AUDIENCE PROFILE

Built for these roles

Built for Deep Learning Practitioner learners adopting Introduction to Physics-informed Machine Learning with PhysicsNeMo.

OVERVIEW

Executive overview

Official NVIDIA Deep Learning Institute program covering physics-informed ml with hands-on GPU-accelerated labs.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Strengthen capability in physics-informed ml scenarios
- Strengthen capability in nvidia physicsnemo scenarios
- Strengthen capability in deep learning scenarios

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds NVIDIA GPU-accelerated skills for physics-informed ml with hands-on DLI-style labs.

Customization options

• Align labs to your production environment and platform priorities

• Add readiness reviews and instructor-led practice sessions

• Extend into project-specific architecture or delivery coaching

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CURRICULUM

Curriculum roadmap

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MODULE 1

Physics-Informed ML

Cover physics-informed ml skills and implementation practices aligned to Introduction to Physics-informed Machine Learning with PhysicsNeMo.

- Cover physics-informed ml skills
- implementation practices aligned to Introduction to Physics-informed Machine Learning with PhysicsNeMo

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MODULE 2

NVIDIA PhysicsNeMo

Cover nvidia physicsnemo skills and implementation practices aligned to Introduction to Physics-informed Machine Learning with PhysicsNeMo.

- Cover nvidia physicsnemo skills
- implementation practices aligned to Introduction to Physics-informed Machine Learning with PhysicsNeMo

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MODULE 3

Deep Learning

Cover deep learning skills and implementation practices aligned to Introduction to Physics-informed Machine Learning with PhysicsNeMo.

- Cover deep learning skills
- implementation practices aligned to Introduction to Physics-informed Machine Learning with PhysicsNeMo