

MICROSOFT OFFICIAL CURRICULUM

NVIDIA

# Introduction to Graph Neural Networks

Program aligned

Official NVIDIA DLI course introducing the concepts, models, and applications of graph neural networks.

AI

Intermediate

PyTorch, Deep Graph Library

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Available on request

AUDIENCE PROFILE

## Built for these roles

Built for practitioners who already understand core deep learning and want to extend into graph-based modeling and relational AI techniques.

OVERVIEW

## Executive overview

This NVIDIA DLI course introduces the basic concepts, models, and applications of graph neural networks. It is a strong entry point for teams exploring graph-based representation learning and relational AI use cases.

PROGRAM OUTCOMES

## Capabilities your teams will gain

- Understand graph neural network concepts and use cases
- Recognize how graph-based models differ from standard deep learning approaches
- Use foundational tooling for graph deep learning experiments
- Build readiness for advanced graph AI work

ENTERPRISE CUSTOMIZATION

## Enterprise customization

Tailor this program to your organization's priorities: Builds capability in graph neural network concepts that are increasingly relevant for fraud, recommendation, knowledge graph, and relationship-based AI scenarios.

### Customization options

- Use your relationship-heavy use case as the framing scenario
- Add fraud, recommendation, or knowledge graph examples
- Extend into advanced graph ML implementation planning

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](mailto: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

### Understand graph deep learning concepts

Learn how graph neural networks represent relationships, structure data differently, and apply to real-world AI scenarios.

- Graph deep learning foundations
- Core graph model concepts

2

#### MODULE 2

### Explore applied graph AI applications

Review common graph-neural-network use cases and begin experimenting with graph tooling for applied AI workloads.

- Graph neural network applications
- Experimentation with graph tooling

## 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

vnodeites.com

#### TALK TO US

-  [info@vnodeites.com](mailto: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