

PROFESSIONAL COURSE OUTLINE

NVIDIA

Getting Started With Deep Learning

Program aligned

This NVIDIA DLI course explores the fundamentals of deep learning by training neural networks and using results to improve performance and capabilities. It is a structured entry point for teams building AI skills before moving into more specialized model and deployment work.

AI

Beginner to Intermediate

TensorFlow, Keras

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 technical practitioners who want a structured introduction to deep learning concepts, model training, and performance improvement.

PROGRAM SUMMARY

What This Course Covers

Official NVIDIA DLI foundational deep learning program focused on training neural networks and improving performance with TensorFlow and Keras.

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.

1

MODULE 1

Learn deep learning fundamentals

Build a working understanding of neural networks, training workflows, and the key concepts that shape modern deep learning solutions.

- Deep learning foundations
- Training neural networks



Plan the next session

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

TALK TO US

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Page 1 of 2

2

MODULE 2

Evaluate and improve model performance

Use results from model runs to interpret behavior, improve performance, and prepare for more advanced AI problem solving.

- Evaluating model performance
- Improving model capability

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Page 2 of 2