

## NVIDIA: Fundamentals of Deep Learning

- ✓ Gradient Descent  
Video • 8 min
- ✓ Training a Perceptron - Demo  
Video • 8 min
- ✓ Deep Learning Neural Network - Forward Propagation  
Video • 4 min
- ✓ Backward Propagation - Deep Learning Neural Network  
Video • 4 min
- ✓ Activation Functions  
Video • 6 min
- ✓ Activation Functions - Demo  
Video • 8 min
- ✓ Introduction to Deep Learning & Neural Networks - Knowledge check  
Practice Assignment • Grade: 100%
- ✓ Foundations of Deep Learning - Assessment  
Graded Assignment • Grade: 100%

# Introduction to Deep Learning & Neural Networks - Knowledge check

[Review Learning Objectives](#)

coach

Ready to review what you've learned before starting the assignment? I'm here to help.

[Help me practice](#)

[Let's chat](#)

## Assignment details

Submitted

Feb 28, 1:36 PM IST

Attempts

Unlimited

[Retry](#)

## Your grade

To pass you need at least 60%. We keep your highest score.

100%

[View submission](#)

[See feedback](#)

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# Assessment

[Review Learning Objectives](#)

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## Assignment details

Due

Mar 4, 11:59 PM IST

Attempts

4 left (5 attempts every 8 hours)

[Retry](#)

Submitted

Feb 28, 2:05 PM IST

## Your grade

To pass you need at least 50%. We keep your highest score.

100%

[View submission](#)

[See feedback](#)

## NVIDIA: Fundamentals of Deep Learning

### Module 2

#### Advanced Deep Learning Techniques

- Overview of Advanced Deep Learning Techniques  
Reading • 10 min
- Multi Class Classification with MNIST Dataset - Deep Learning  
Video • 13 min
- Training Multiclass Classifier - Fit and Evaluate  
Video • 7 min
- Understanding the Convolutional Neural Networks  
Video • 8 min
- Transfer Learning Techniques  
Video • 6 min
- Implementing the Transfer learning on an Image Dataset - Demo  
Video • 9 min
- Deep Learning & Transfer Learning Techniques - Knowledge check**  
Practice Assignment • Grade: 75%

# Deep Learning & Transfer Learning Techniques - Knowledge check

## Review Learning Objectives

coach

Ready to review what you've learned before starting the assignment? I'm here to help.

Help me practice

Let's chat

### Assignment details

Submitted  
Feb 28, 2:17 PM IST

Attempts  
Unlimited

Retry

### Your grade

To pass you need at least 50%. We keep your highest score.

75%

View submission

See feedback

Go to next item

## NVIDIA: Fundamentals of Deep Learning

- Deep Learning  
Video • 13 min
- Training Multiclass Classifier - Fit and Evaluate  
Video • 7 min
- Understanding the Convolutional Neural Networks  
Video • 8 min
- Transfer Learning Techniques  
Video • 6 min
- Implementing the Transfer learning on an Image Dataset - Demo  
Video • 9 min
- Deep Learning & Transfer Learning Techniques - Knowledge check  
Practice Assignment • Grade: 75%
- Advanced Deep Learning Techniques - Assessment**  
Graded Assignment • Grade: 80%
- Key Takeaways of the course  
Reading • 10 min
- Course Conclusion  
Reading • 10 min

# Assessment

## Review Learning Objectives

coach

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Help me practice

Let's chat

### Assignment details

Due  
Mar 6, 11:59 PM IST

Attempts  
4 left (5 attempts every 8 hours)

Retry

Submitted  
Feb 28, 2:26 PM IST

### Your grade

To pass you need at least 40%. We keep your highest score.

80%

View submission

See feedback

Go to next item