

## Intro to Deep Learning with PyTorch

You've completed this program

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Curriculum Overview Instructions

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Course 1

Intro to Deep Learning with PyTorch

Learn the basics of deep learning, and build your own deep neural networks using PyTorch, an open source machine learning library used for applications such as NLP and Computer Vision.

Lesson 1

Welcome to the course!

Discover the course and deep learning with PyTorch.

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Lesson 2

Introduction to Neural Networks

Learn the concepts behind these neural networks, generalise and how we can train using DNN.

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Lesson 3

Taking PyTorch with Seventh Chordata

Discover Seventh Chordata, the nature of PyTorch, what the code actually does and how to use PyTorch effectively.

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Lesson 4

Introduction to PyTorch

Learn how to use PyTorch to build and train deep neural networks. In this lesson, you will learn to create the network, design of layers and also other parts of the architecture.

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Lesson 5

Convolutional Neural Networks

Learn how to use convolutional neural networks to build state-of-the-art computer vision models.

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Lesson 6

Style Transfer

Use a deep neural network to transfer the artistic style of one image onto another image.

▶ Resume

Lesson 7

Recurrent Neural Networks

Learn how to use Recurrent Neural Networks to build a sequence model. In this lesson, you will learn how to create the model and train it.

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Lesson 8

Sentiment Prediction Models

How can you build a sentiment model that can predict the sentiment of movie reviews?

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Lesson 9

Deploying PyTorch Models

In this lesson, you will learn how to deploy your PyTorch models using TorchServe.

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