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✓ Introducing deep learning  
3m 39s video



Chapter Quiz  
2 questions



## 2. PyTorch Basics



✓ Why PyTorch?  
1m 42s video



✓ PyTorch tensor  
4m 48s video



Chapter Quiz  
2 questions

## 3. Guided Project: CNN Text Classification with PyTorch

Preprocessing text dataset  
9m 17s video

Building a simple CNN model  
6m 26s video

Train and evaluate functions  
3m 46s video

Challenge: Training process  
1m 48s video

Solution: Training process



0:00 / 9:17

1x

Overview

Q&amp;A

Notebook

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## INSTRUCTOR



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## Course details

41m · Intermediate · Released: 4/15/2022

4.3 ★★★★★ (152)

Learn about natural language processing with PyTorch, the popular deep learning tool used by tech giants like OpenAI and Microsoft. In this course, Zhongyu Pan guides you through the basics of using PyTorch in natural language processing (NLP). She explains how to transform text into datasets that you can feed into deep learning models. Zhongyu walks you through a text classification project with two frequently used deep learning models for NLP: RNN and CNN. She also shows you how to tune hyperparameters and construct model layers to get more robust and accurate results, as well as the differences between the two models for NLP tasks.

## Skills covered