

Introduction to Neural Networks and PyTorch

by IBM

About this Course

PyTorch is one of the top 10 highest paid skills in tech (Indeed). As the use of PyTorch for neural networks rockets, professionals with PyTorch skills are in high demand. This course is ideal for AI engineers looking to gain job-ready skills in PyTorch that will catch the eye of an employer.

AI developers use PyTorch to design, train, and optimize neural networks to enable computers to perform tasks such as image recognition, natural language processing, and predictive analytics. During this course, you'll learn about 2-D Tensors and derivatives in PyTorch. You'll look at linear regression prediction and training and calculate loss using PyTorch. You'll explore batch processing techniques for efficient model training, model parameters, calculating cost, and performing gradient descent in PyTorch. Plus, you'll look at linear classifiers and logistic regression.

Throughout, you'll apply your new skills in hands-on labs, and at the end, you'll complete a project you can talk about in interviews. If you're an aspiring AI engineer with basic knowledge of Python and mathematical concepts, who wants to get hands-on with PyTorch, enroll today and get set to power your AI career forward!

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IBM Developer Skills Network

Basic Info	Course 4 of 13 in the IBM AI Engineering Specialization
Level	Intermediate
Commitment	6 weeks of study, 2-3 hours/week
Language	English. Subtitles: Arabic, French, Bengali, Ukrainian, Chinese (Simplified)