



PyTorch Basics

Description:

This program is meant to give you the basics till an advanced understanding of one of the most popular deep learning python frameworks - PyTorch. Course curriculum includes concepts about the PyTorch framework, tutorials, and much more!

Start Date:

Doubt Clear Time:

Course Time:

Features:

- # Learning of different concepts of PyTorch framework
- # Self Paced Videos
- # Completion Certificate

What we learn:

- # Basic concepts

Installation

PyTorch usecases

Apply PyTorch to implement DL or ML algos from scratch

Requirements:

Interest to learn

Deep learning ANN course

Deep learning concepts

Decent internet connection

Instructor:

Name:

Sunny Bhavleen Chandra

Description:

Sr. Data Scientist and lecturer at iNeuron.ai with working experience in computer vision, natural language processing and embedded systems. Hands-on experience leveraging machine learning, deep learning, transfer learning models to solve challenging business problems. Also, he has a vast interest in Robotics.

>Section: 1 PyTorch

Introduction:

>>Introduction to PyTorch

>>PyTorch installation and setup

>Section: 2 PyTorch Tensors

and Operations:

>>What is tensor? & Type Conversions

>>Mathematical Operations

>>Indexing, Slicing, Concatenation, Reshaping Ops

>Section: 3 AutoGrad:

>>Derivatives, Partial derivative, & Successive Differentiation

>Section: 4 First Neural

Network:

>>Simple ANN Implementation