Mindluster Platform

About the course PyTorch Complete Beginner

A good use case of Numpy is quick experimentation and small projects because Numpy is a light weight framework compared to PyTorch. Moreover, PyTorch lacks a few advanced features as you'll read below so it's strongly recommended to use numpy in those cases .

Programming Category's Courses

Course Lesson(22)

Lesson 1 : **PyTorch Tutorial 01 Installation**

Lesson 2 : **PyTorch Tutorial 02 Tensor Basics**

Lesson 3 : **PyTorch Tutorial 03 Gradient Calculation With Autograd**

Lesson 4 : **PyTorch Tutorial 04 Backpropagation Theory With Example**

Lesson 5 : **PyTorch Tutorial 05 Gradient Descent with Autograd and Backpropagation**

Lesson 6 : **PyTorch Tutorial 06 Training Pipeline Model Loss and Optimizer**

Lesson 7 : **PyTorch Tutorial 07 Linear Regression**

Lesson 8 : **PyTorch Tutorial 08 Logistic Regression**

Lesson 9 : **PyTorch Tutorial 09 Dataset and DataLoader Batch Training**

Lesson 10 : **PyTorch Tutorial 10 Dataset Transforms**

Lesson 11 : **PyTorch Tutorial 11 Softmax and Cross Entropy**

Lesson 12 : **PyTorch Tutorial 12 Activation Functions**

Lesson 13 : **PyTorch Tutorial 13 Feed Forward Neural Network**

Lesson 14 : **PyTorch Tutorial 14 Convolutional Neural Network CNN**

Lesson 15 : **PyTorch Tutorial 15 Transfer Learning**

Lesson 16 : **PyTorch Tutorial 16 How To Use The TensorBoard**

Lesson 17 : **PyTorch Tutorial 17 Saving and Loading Models**

Lesson 18 : **Create Deploy A Deep Learning App PyTorch Model Deployment With Flask Heroku**

Lesson 19 : **PyTorch RNN Tutorial Name Classification Using A Recurrent Neural Net**

Lesson 20 : **PyTorch Tutorial RNN LSTM GRU Recurrent Neural Nets**

Lesson 21 : **PyTorch Lightning Tutorial Lightweight PyTorch Wrapper For ML Researchers**

Lesson 22 : **PyTorch LR Scheduler Adjust The Learning Rate For Better Results**

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