

Course Code: **M551**

Deep Learning with PyTorch

COURSE INFORMATION

Sessions
2 days

Duration
15 hrs

Level
Beginner to
Intermediate

Assessment
NA

VENUE

Address: 3/5 Esan Close, College Estate, Off Oko Oloyun Street, Off Isheri-Igando Expressway, Igando Lagos, Nigeria 100216.

WHAT'S THIS COURSE ABOUT

Topic 1 Overview of Deep Learning and Pytorch

Overview of Deep Learning

Introduction to Pytorch

Install and Run Pytorch

Basic Pytorch Tensor Operations

Computation Graphs

Compute Gradients with Autograd

Topic 2 Neural Network for Regression

Introduction to Neural Network (NN)

Activation Function

Loss Function and Optimizer

Machine Learning Methodology

Build a NN Predictive Regression Model

Load and Save Model

Topic 3 Neural Network for Classification

Softmax

Cross Entropy Loss Function

Build a NN...

COURSE FEE

Full Fee NGN 340,000.00

CERTIFICATION

- **Certificate of Completion from Tertiary Courses** - Upon meeting at least 75% attendance and passing the assessment(s), participants will receive a Certificate of Completion from Tertiary Courses.

REGISTRATION

<https://www.tertiarycourses.com.ng/deep-learning-with-pytorch.html>



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