

Course Code: **M442**

# Deep Learning and Machine Learning with TensorFlow

## COURSE INFORMATION

Sessions  
2 days

Duration  
15 hrs

Level  
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 Introduction to Deep Learning

Machine Learning vs Deep Learning

Deep Learning Methodology

Overview of Tensorflow Keras

Install and Run Tensorflow Keras

Basic Tensorflow Keras Operations

Topic 2 Neural Network for Regression

What is Neural Network (NN)?

Loss Function and Optimizer

Build a Neural Network Model for Regression

Topic 3 Neural Network for Classification

One Hot Encoding and SoftMax

Cross Entropy Loss Function

Build a Neural Network Model for Classification

Topic 4 Convolutional...

## 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

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<https://www.tertiarycourses.com.ng/deep-learning-neural-network-tensorflow-ghana.html>



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## SUPPORT

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