

Course Code: **M1046**

Deep Reinforcement Learning with Python

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 Reinforcement Learning

Fundamental Concepts of Reinforcement Learning (RL)

Types of RL Algorithms

Applications of RL

Markov Decision Process

Topic 2 OpenAI Gym and Stable Baselines

Introduction to OpenAI Gym

Install OpenAI Gym and Stable Baselines

Create Agent and Policy on Gym

Topic 3 Value Based Q-Learning

Overview of Value Based Learning

Value Functions and Bellman's Equations

Exploration Strategies

Q-Learning Algorithm

SARSA Algorithm

Deep Q Network (DQN) Algorithm

Topic...

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-reinforcement-with-python.html>



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Email: info.tertiarycourses.ng@gmail.com

Tel: +234 813 093 230