

Course Code: **M649**

Basic Reinforcement Learning with Python

Funding Available: HRDF

COURSE INFORMATION

Sessions
1 day**Duration**
7.5 hrs**Level**
Intermediate**Assessment**
NA

VENUE

Kuala Lumpur: G-3A-02, Suite Pejabat Korporat, KL Gateway, No 2, Jalan kerinchi, Gerbang kernichi Lestari, 59200 Kuala Lumpur, Malaysia**Penang:** Jalan Sungai Dua, 11700 Penang, Malaysia.

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 RM 1,000.00

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.my/basic-reinforcement-learning-with-python.html>



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