



Course Code: C1045

Deep Reinforcement Learning with Python

COURSE INFORMATION

Sessions
2 days

Duration
15 hrs

Level
Intermediate

Assessment
NA

VENUE

12 Woodlands Square #07-85/86/87 Woods Square Tower 1, Singapore 737715. 5 mins walk from Woodlands (NS9) MRT station.

The venue is disabled-friendly.

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 S\$600.00 Before GST

GST S\$54.00 9% of fee

Total Payable S\$654.00 Including GST

CERTIFICATION

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

REGISTRATION

<https://www.tertiarycourses.com.sg/deep-reinforcement-with-python.html>



SCAN TO REGISTER

SUPPORT

Email: sales@tertiarycourses.com.sg

Tel: +65 6100 0613

WhatsApp: <https://wa.me/6588666375>