



Course Code: C625

# Basic Reinforcement Learning with Python

## COURSE INFORMATION

Sessions  
1 day

Duration  
7.5 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...

## COURSE FEE

Full Fee S\$350.00 Before GST

GST S\$31.50 9% of fee

Total Payable S\$381.50 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-learning-course.html>



SCAN TO REGISTER

## SUPPORT

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