



Course Code: TGS-2019504744

# WSQ - Building Your First Machine Learning Model with Python and Tensorflow

**Funding Available:** WSQ SkillsFuture Credit PSEA UTAP SFEC Absentee Payroll MCES

## COURSE INFORMATION

Sessions  
2 days

Duration  
16 hrs

Level  
Beginner to  
Intermediate

Assessment  
2 hrs

### 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 Deep Learning

Machine Learning vs Deep Learning

Deep Learning Methodology

Overview of Tensorflow and Keras

Install and Run Keras

Topic 2: Introduction to Neural Network

What is Neural Network (NN)?

Loss Function and Optimizer

Build a Neural Network Model for Regression

Topic 3: Classification Model with Neural Network

One Hot Encoding and SoftMax

Cross Entropy Loss Function

Build a Neural Network Model for Classification

Topic 4: Convolutional Neural Network...

## WSQ FUNDING

Full Fee S\$750.00 Before GST

GST S\$67.50 9% of fee

Baseline Nett S\$442.50 SG/PR age 21+ · 50% funded · incl. GST

MCES / SME Nett S\$292.50 SG age 40+ · 70% funded · incl. 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.
- **OpenCerts from SkillsFuture Singapore** - After passing the assessment(s) and achieving at least 75% attendance, participants will receive an OpenCert (aka Statement of Achievement) from SkillsFuture Singapore, certifying that they have achieved the Competency Standard(s) in the above Skills Framework.

## REGISTRATION

<https://www.tertiarycourses.com.sg/wsq-building-your-first-machine-learning-model-with-python-and-tensorflow.html>



SCAN TO REGISTER

## SUPPORT

**Email:** sales@tertiarycourses.com.sg

**Tel:** +65 6100 0613

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