



Course Code: TGS-2020503264

# WSQ - Data Mining and Machine Learning Fundamentals for Beginners

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

## COURSE INFORMATION

Sessions 2 days	Duration 16 hrs	Level Beginner	Assessment 2 hrs
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**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: Overview of Data Mining and Machine Learning

Data Mining Process

Overview of Machine Learning

Impact of Data Mining and ML to Access Business Insights

## Topic 2: Data Preparation

Import/Export Data

Filter Data

Join Data

Clean Data

## Topic 3: Regression

What is Regression

Linear Regression

Underfitting and Overfitting

Regularization Techniques

## Topic 4: Classification

What is Classification

Classification Algorithms

K-Fold Cross Validation

Model Evaluation Metrics

Confusion Matrix

Topic 5...

## 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

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<https://www.tertiarycourses.com.sg/wsq-data-mining-and-machine-learning-fundamentals-for-beginners.html>



SCAN TO REGISTER

## SUPPORT

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