



At the end of the course, participants will be able to

- develop a practical grounding in AI/ ML and its business applications
- understand the essentials of coding with Python
- understand and master the concepts and principles of ML using TensorFlow, including its mathematical and heuristic aspects
- apply AI techniques for problem-solving and explain the limitations of current AI techniques
- gain the knowledge and confidence they need to help transform their individual organisation into an innovative, efficient and sustainable company of the future

## Course objectives

AI technologies have shown impressive successes. The pace of progress is very high and so is the pressure for companies to stay on top of the game.

Staying ahead in the accelerating AI race requires executives to make nimble, informed decisions about where and how to employ AI in their business. One way to prepare to act quickly is for executives to have enough understanding of the workings of AI to create and maintain healthy teams and practices.

## Course outline

- Data structures in Python: Lists, Tuples, Sets and Dictionaries
- Nested Data Structures
- Iteration through Data Structures in loops

### Course details

1 week

Certificated by Singapore Management University (SMU)

### Who should attend

Professionals, managers or executives who would like to harness AI in their fields to get more insight.

### Pre-requisites

Participants should

- have basic coding experience
- be comfortable with basic level algebra

**Tool**  
Python

### Model of training

Classroom,  
Field trip

