

Introducing Python – A Computing Language and Mathematical Tool
For new and existing SST students

Date: Saturday, 12 Jan 2019
Time: 3.00 p.m. – 4.30 p.m.
Venue: SUSS, Block C, Level 3, SR C.3.13
Speaker: Dr Lau Jing Feng
Head of Programme, School of Science & Technology, Singapore University of Social Sciences (SUSS)

Registration (2.30 p.m. to 3.00 p.m.)

Introduction

If you are exposed to computer programming used in data analysis and engineering applications, you must have heard about the programming language Python.

Many students are not aware of the full power of Python, or of its various built-in libraries. The workshop will give an overview of what Python can do!

Python's main purpose is to help users perform data analysis/artificial intelligence and mathematical modelling.

Objectives

By the end of the workshop, students should be able to:

- appreciate the use of Python as a computing tool
- appreciate the use of Python as a data analysis tool
- appreciate the use of Python as a modelling tool
- Use the various graphing facilities of Python

Course Outline

The topics that will be covered within the 1.5-hour workshop include:

1. Python Introduction
2. Doing calculation with Python
3. Data Analysis with Python
4. Mathematical Modelling with Python

Pre-requisites

Want to learn about Python.

Others

- There will be a tea break provided after the seminar.
- Students are encouraged to bring their own laptop with Python installed.