TECHNOLOGY & ENGINEERING SERIES

Introduction to Python For Data Science

New libraries for data manipulation, visualization and data modeling have made Python an increasingly exciting alternative to R as a data science language.

This programme aims to quickly bring up to speed a programmer or business analyst who already knows how to programme in Python to begin using Python as a data science tool.

The programme will define data science and explore the first two things a data scientist must do – cleaning and visualizing data. It will then cover the Data Science Workflow - training models and testing them through the application of machine learning models to various industry-relevant data science problems. The tools used will be Scikit-learn and Keras.

DATE

7 - 8 September 2017

DURATION

2 Days; 9.00am to 5.30pm daily

VENUE

NUS University Town Education Centre (Level 2)
8 College Avenue West
Singapore 138608
ERC Seminar Room 2

FEE

S$1,605 (includes GST)

REGISTRATION CLOSES ON 31 AUGUST 2017

REGISTER NOW!

COURSE OUTLINE

Day 1

- Introduction to Python, and Data Munging with Excel and Python

- Analytics Visualization and Story-telling with Python and friends

- Introduction to Scikit-Learn for Statistical Learning and Keras for Deep Learning

Day 2

- Statistical Learning 101 (A Refresher in Python)

- The Analytics Dozen in Python

PRE-REQUISITES

Must be familiar with the Python programming language, or have attended our Introduction to Python training, and statistics 101 at a pre-university level.

WHO SHOULD ATTEND

Software Engineers, Programmers or Data Analysts