

Python Programming Masterclass

Python is a very high-level object-oriented programming language. It is used extensively as a web programming language, a cross platform graphical user interface, as a scripting language for software development.

Learning Outcomes:

After completing this course, students will be able to:

- Learn to work with Python Notebooks
- Learn to work with and manipulate strings in Python
- Learn to perform math operations with Python
- Learn to understand and implement object-oriented Python architectures
- Learn to work with Python sequences: lists, arrays, dictionaries, and sets
- Learn to implement Python controls (if, for, while)
- Learn to write to and read from files using Python
- Learn to write functions in Python
- Learn to handle exceptions in Python
- Learn to work with loops in Python
- Learn to visualise data in a variety of ways using Python

Who should attend?

The target audience includes academics with a passion for data, data analysts, institutional researchers, statisticians, information specialists, citizen data scientists, data scientists and interested students.

The workshop is self-contained and does not require any previous knowledge of python programming.

Date: 26 -27 March 2020

Time: 09:00 - 16:30

Fees: R2500

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