Python – Fundamentals

Description

During this 3-day Python training course, students learn to program in Python.
Python is one of the most popular programming languages right now and during this training students will start from the basics.

Classroom Registration Price (CHF)
2300
Virtual Classroom Registration Price (CHF)
2150
Course Content
Module 1: Python Basics Module 2: Functions and Modules Module 3: Math Module 4: Python Strings Module 5: Iterables: Sequences, Dictionaries, and Sets Module 6: Flow Control Module 7: File Processing Module 8: Exception Handling Module 9: Dates and Times Module 10: Errors and Exception Handling Module 11: Modules and Packages Module 12: Regular Expressions Module 13: Highlights of the Standard Library Module 14: An Introduction to Python Classes
Documentation

- Digital courseware included

Participant profiles

- Anyone new to the language and who may, or may not, have experience with other programming languages

Prerequisites

- Already be comfortable using the operating system (Linux, Unix, Windows, Solaris, Mac OS X, etc.) on which they will be running Python
- Non mandatory, basic skills with at least one other programming language are desirable

Objectives

- How Python works and its place in the world of programming languages
- To work with and manipulate strings
- To perform math operations
- To work with Python sequences
- To collect user input and outpusults
- Flow control processing
- To write to, and read from, files
- To write functions
- To handle exceptions and work with dates and times
- How to manage exceptions
- How to deal with string using regex
- How to start to use Object Oriented Programming

Niveau
Fondamental
Duration (in Days)

3
Reference
PYTHON-FUN