Python – Fundamentals

Description

Python Training: Learn to Code in Python

Learn to program in Python with a progressive and practical approach. This Python programming course guides you from fundamental basics to advanced concepts, such as modules, functions, and exception handling. With this training, you'll learn to code in Python and develop key skills, enhanced by real-world cases, to master Python in a professional environment. Whether you're a beginner or looking to deepen your knowledge, this training is designed to provide you with Python programming expertise.

This Python Programming Course Designed to Refine Your Skills

Throughout the modules, you will discover best practices for structuring your code, manipulating data, and automating complex tasks.

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

Description
Learn to Code in Python
Niveau
Fondamental
Classroom Registration Price (CHF)
2300
Virtual Classroom Registration Price (CHF)
2150
Duration (in Days)
3
Reference
PYTHON-FUN