Python Foundation

Duration 2 Days

COURSE DESCRIPTION

This course introduces the student to the Python language. Upon completion of this class, the student will be able to write non-trivial Python programs dealing with a wide variety of subject matter domains. Topics include language components, working with a professional IDE, control flow constructs, strings, I/O, collections, classes, modules, and regular expressions. The course is supplemented with many hands-on labs, solutions, and code examples.

COURSE OUTLINE

- Intro Python
- Install Python Runtime
- Variables & Types
- Operators
- Decision & Loops
- Functions
- Modules
- Files I/O
- Error & Exceptions
- Regular Expression

WHO SHOULD ATTEND

Anyone who needs to learn how to write programs in Python or wants solid exposure to Python as their first programming language.

PREREQUISITES

Optimally, students will have experience with at least one programming or scripting language e.g., C, C++, Java, etc. Python is a great first language very approachable and easy to learn.