



SPARTAN
Allied Services

Deliver Results - Create Value

Python for Beginners

Program Overview

This training course covers the basics of Python development. The course is geared towards participants with no programming background. It includes hands-on exercises to reinforce the lessons covered.

Duration

This is a 3-day course

Learning Objectives

At the end of the training, participants will be able to learn

At the end of the training participants will be familiar with the Python syntax, and learn how real problem solving in Python is done.

Target Audience

Ideal for

- First time Python programmers
- students and teachers
- IT staff who want to learn to code
- aspiring data scientists

Program Structure and Outline

Day 1 Introduction to Python programming

- Configuration and setup of development environment
- Setting up a Python project using Eclipse IDE
- Coding standards, Identifiers, Data types, Expressions and Statements
- Basic operators
- Decisions and Iterations

Day 2 Understanding Python

- Configuration and setup of development environment
- Namespaces
- Classes, scoped variables, and methods
- Access controls
- OOP Principles
- Exception handling
- Data Structures
 - Array
 - List
 - Tuple
 - Dictionary
 - Set

- Stack
- Queue
- Multi-threading
- String manipulations and operations
- File I/O transactions

Day 3 Applying Python to solve problems

- Overview on Python modules and libraries
- GUI programming
- Searching and Sorting algorithms
- Implementing CRUD transactions with SQLite, MySQL and Oracle 11g

WHY CHOOSE SAS MANAGEMENT?

WE DELIVER RESULTS

SAS Management, Inc. has consistently proven its capability to deliver and exceed our clients' expectations. We are the only AXELOS Consulting Partner in the Philippines. Our pool of consultants and trainers are seasoned industry veterans who have above-average qualifications and certifications such as Business Management, Process Improvement, and Organizational Development Programs.

WE CREATE VALUE

SAS Management, Inc. believes in ensuring that our services meet the intended needs of our clients. To us, it is more than just providing training and consulting, but rather ensuring that these are the things that our clients really need. This is why SAS Management, Inc. is probably the only training provider that does a thorough needs assessment prior to providing a proposal. Our goal for every proposal is to CREATE VALUE for your organization.

PARTNERS & AFFILIATES

