



Get Certified with Microsoft*
Exam 98-381 : Introduction to
Programming Using Python



Training: Core Python Programming

Introduction to Python Programming

- Why do we need Python?
- Program structure in Python

Execution steps

- Interactive Shell
- Executable or script files.
- User Interface or IDE
- Introduction to Jupyter Editor

Data Types and Operations

- Numbers
- Strings
- List
- Tuple
- Dictionary
- Other Core Types

Statements and Syntax in Python

- Assignments, Expressions and prints
- If tests and Syntax Rules
- While and For Loops
- Iterations and Comprehensions

Functions in Python

- Function definition and call
- Function Scope
- Arguments
- Function Objects
- Anonymous Functions

File Operations

- Opening a file
- Using Files
- Other File tools

Connecting SQL Database

- Introduction of SQL Connectivity
- Using PYMYSQL Library
- Performing Select Query Operation on database
- Performing Data Modification Language Operation on Database

Classes & Objects

- Introduction to Classes & Objects
- Implementing Object Oriented Programing