



Course Content of Python

Session 1

- Introduction to python (Using PowerPoint Slides)
- Writing Simple Programs

Session 2

Discuss How Python Program runs

Types and Operations in python

- Numbers
- Strings
- Lists and Tuples
- Dictionaries
- Files

Statements and Syntax

- Assignments, Expressions and Print Statements
- Conditional constructs
- Iterative Constructs

Session 3

- Introduction to Functions and Lambda Forms
- Functions and Arguments and Scope
- List Comprehensions
- Generators

Session 4

Understanding Modules in Python

Module Packages

- Package imports
- Mixed usage modes

Introduction to OO Programming in python

- Class coding basics
- OOP and Inheritance
- New Styled Classes



Introduction to Exceptions

1 Projects will be covered.

- Python based user group management.

Query Session.

Competition.