



## Python Training Module

### CORE PYTHON

- Introduction to Python
- Python Basic Syntax
- Python Data Types
  - Numbers
  - Strings
  - List
  - Tuples
  - Dictionary
- Conditionals
- Loops
- Functions
- List Comprehensions
- Generators & Iterators in Python
- File Handling in Python
- Exceptional Handling
- Regular Expression
- CGI Programming
  - What is QueryStrings?
  - GET and POST Request
  - Form Processing in CGI
- Database in Python
- How CGI and database work Simuntaneously
- Networking in Python
- Using SMTP to Send mails in Python
- Multithreading in Python
  - What are threads and how they are controlled
- GUI programming

### ADVANCE MODULE

- Classes and Object
  - What is OOPS concept and its basic Terminologies
  - Constructor
  - Accessor & Mutator Methods