- Installing Anaconda or any equivalent softwares [Spyder, Atom, Eclipse , VS code , Jupyter npb, idle , pycharm etc..] Python Overview (Demonstration) **Python Basics: Python Data Types Math Functions Operator Precedence** bin() and complex **Variables Expressions vs Statements Augmented Assignment Operator Strings String Concatenation Type Conversion Escape Sequences** Formatted Strings String Indexes **Immutability Built-In Functions + Methods Booleans Lists List Slicing Matrix List Methods 1 List Methods 2 List Methods 3 Common List Patterns List Unpacking** None **Dictionaries Dictionary Keys Dictionary Methods Dictionary Methods 2 Tuples Tuples 2** Sets Sets 2 Class And Objects **Array Implementation ADVANCED TOPICS: Keywords And Identifiers** - OOPS - Functional Different Modules - Decorators Directory And File management - Error Handling - Generators **Python Strings Data Type Conversion Numbers** Namespace and scope global local nonlocal **Global Keywords Iterators Iterations Using for** Inheritance **Multiple Inheritance Python Function Arguments Python Functions.** break, continue statement **Python Errors And Exceptions** Try, Except And Finally **Python User Defined Exception** Python OOP Approach (*********)

Python Nested Dictionary Implementation
Python Operator Overloading
Statements And Comments
Pass Statement

Pass Statement

Python Generators
Python Decorators

While Loop

Python Matrix Implementation

Regular Expressions

List Comprehension

Python Recursion.

Python Input, Output And Import

Python Shallow And Deep Copy

Python Lamda Function

etc.....