

PYTHON

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OVERVIEW & PURPOSE

In this Course, you will learn the basics of Python.

It is the world's fastest growing computer language widely used by Software Engineers, Machine Learning Engineers and Data Scientists.

DAY-WISE SYLLABUS

1. What is Python? Getting started with Python.
2. Simple Basic Operations.
3. Variables in Python.
4. List in Python.
5. Tuple and Sets in Python.
6. Data Types
7. Operators Part-1
8. Operators Part-2
9. Importing Modules
10. Creating and Running Python files.
11. User Input and Passing arguments in CMD.
12. Conditional Statements
13. Loops Part-1
14. Loops Part-2
15. Break, Continue and Pass Statements
16. Functions
17. Types of Arguments
18. Global and Local Variables
19. Anonymous Functions in Python.
20. Creating Modules in Python.
21. OOP in Python Part-1
22. OOP in Python Part-2
23. Binding variables to objects.
24. Types of Methods.
25. Inheritance
26. Constructor
27. Duck Typing
28. Operator Overloading
29. Method Overriding
30. Iterators and Generators