



GLEARN EXPERT TRAINING

Course Curriculum

Python Developer

Duration: 60 Hrs.

Day	Topics 2hours/day
1	Introduction to Python: Environment setup, Basic I/O.
2	Conditional Branching control statements: If-Else, elif.
3	Conditional looping control statements: while, do-while, for.
4	Functions-Function Arguments-Default, Keyword, Arbitrary
5	Functions-Recursion , Lambda function
6	Data Structures-List, Tuple, Stack , Queue
7	Data Structures -Dictionary, Set in details
8	Modules and Package-User program as modules and Packages.
9	Files-Different types of files-File operation.
10	Errors and Exceptions Handling-Errors. Assert, Try, except, Finally
11	Exceptions Try, Finally, User defined exception.
12	Object Oriented Programming-Class, Object, Inheritance, and Polymorphism.
13	Reference Types- Iterator, Generator.
14	Reference Types -Closure, Decorators.
15	Thread-Multithread.

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16	Graphical User Interface-Textbox, Listbox, Option Button, Menu, Canvas.
17	Database Connectivity-Mysql, Create table, Insert table, View the table.
18	Networking-Client and server program.
19	Mini Project
20	Scientific Python-Installing Libraries
21-23	NumPy
23-25	Pandas
25-27	Matplotlib
27-29	Seaborn
30	Final Project

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