



Advance Your Career
Become Job ready
in 3-5 months

Advance Python



What is Advance Python?

Engineer who can handle all the work of databases, servers, systems engineering, and clients.

What They Do?

For developing desktop GUI applications, website and web applications, also allows you to focus on core functionality of the application by taking care of common programming tasks.

Why Advance Python?

Python is readable and simple. Lots of jobs in IT are related to python. Automation can be done very fast.



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Advances Python – Career Track

Files and Exceptions

- Text files
- Writing variables
- Directories

Classes and Objects

- User defined compound types
- Attributes
- Instances as argument
- Instances as return values

Classes and Functions

- Time
- Pure functions
- Modifiers
- Prototype development versus planning
- Generalization

Classes and Methods

- Objects oriented features
- Optional arguments
- The initialization method
- Operator overloading
- Polymorphism

Sets and Objects

- Composition
- Car objects
- Class attributes and the str method
- Comparing cars
- Car Fleet
- Printing the fleet
- Shuffling the fleet

Inheritance

- Group of cars
- Dealing cars
- Printing cars
- The CarGame class



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Linked List

- Embedded references
- The node class
- Lists as collections
- Lists and recursion
- Infinite lists
- The fundamentals ambiguity theorem
- Modifying lists
- Wrappers and helpers
- The LinkedList class

Stacks

- Abstract data types
- The stack ADT
- Implementing stacks with Python lists
- Pushing popping
- Using a stack to evaluate postfix
- Parsing

Queues

- The queue ADT
- Linked QUEUE
- Performance characteristics
- Priority queue

Trees

- Building trees
- Traversing trees
- Expression trees
- Tree traversal
- Building an expression
- Handling errors

Word Press and CMS

- Introduction To WordPress- Installation, Overview
- WordPress Dashboard
- WordPress Settings- General, Writing, Reading, Media, permalink, Plugin
- Website Creation With WordPress

Check with our student counsellor for the next batch & enrol today



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