**Python Interview Questions:**

1. Explain Python?
2. **What are the distinct features of Python?**
3. **What are the supported standard data types in Python?**
4. **Define tuples in Python?**
5. **What is dictionary in python.**
6. **What is the major difference between tuples and lists in Python?**
7. **Define Pass statement in Python?**
8. **Why do we need a break and continue in Python?**
9. **Why do we need membership operators in Python?**
10. Explain Inheritance and its various types in Python?
11. Define slicing in Python.
12. **What is the major difference between tuples and lists in Python?**
13. **What are Python Modules?**
14. **Explain Inheritance in Python with an example?**
15. **What are functions in Python?**
16. **What is \_\_init\_\_ in Python?**
17. **What are the common built-in data types in Python?**
18. **What are local variables and global variables in Python?**
19. **What is type conversion in Python?**
20. **What does [::-1] do?**
21. **What are Python packages?**
22. **Is indentation required in Python?**
23. **How does break, continue, and pass work?**
24. **Do we need to declare variables with data types in Python?**
25. **Is multiple inheritance supported in Python?**
26. **What is the purpose of is, not and in operators?**
27. **What is Polymorphism in Python?**
28. **Define encapsulation in Python?**
29. **What is self in Python?**
30. **What is the difference between append() and extend() methods?**
31. **What is Pickling and Unpickling?**
32. **What is difference between / and // in Python?**
33. **What is the maximum possible length of an identifier?**
34. **What is pandas?**
35. **What are data frames?**
36. **How to combine data frames in pandas?**
37. How to overload constructors or methods in Python?
38. Explain some methods of String
39. What’s the negative indexing in lists?
40. Explain some methods of dict