

CORE PYTHON INTERVIEW QUESTIONS

“Master these Core Python interview concepts to confidently demonstrate your expertise in Python syntax, data types and structures, functions and modules, object-oriented programming, file handling, exception handling, debugging techniques, standard libraries, performance optimization, and project workflow—impress interviewers and accelerate your career in Python development

- What is Python and what are its key features?
- What are Python data types?
- What is the difference between a list, tuple, and set?
- What is a dictionary in Python?
- What is a function in Python?
- What is the difference between `==` and `is`?
- What is Python's indentation and why is it important?
- What are Python loops (for and while)?
- What is the difference between Python 2 and Python 3?
- What are Python modules and packages?
- What is object-oriented programming (OOP) in Python?
- What is a class and an object?

CORE PYTHON INTERVIEW QUESTIONS

“Master these Core Python interview concepts to confidently demonstrate your expertise in Python syntax, data types and structures, functions and modules, object-oriented programming, file handling, exception handling, debugging techniques, standard libraries, performance optimization, and project workflow—impress interviewers and accelerate your career in Python development

- What is inheritance, polymorphism, encapsulation, and abstraction in Python?
- What is a decorator and how is it used?
- What is a Python generator?
- What is a lambda function?
- What are Python comprehensions (list, dictionary, set)?
- What is exception handling in Python?
- What is the difference between deep copy and shallow copy?
- How do you read and write files in Python?
- What is Python's GIL (Global Interpreter Lock)?
- What are Python iterators and iterables?
- What is multithreading vs multiprocessing in Python?
- What are Python context managers and the with statement?