

What are Python Modules?

Modules for Python are files that contain Python codes. This code may consist of variables, functions, or classes, among other forms. This provides predefined functionalities when needed, saving the programmer time. It is an executable code contained in a file with the “.py” extension.

Below is a list of frequently used constructed modules.:

- os
- sys
- data time
- math
- pyttsx3
- JSON

reference : <https://www.h2kinfosys.com/blog/top-python-interview-questions-and-answers/>

Explain some benefits of Python

- Python is a **dynamic-typed** language. It means that you don't need to mention the data type of variables during their declaration.
- Python supports **object-orientated programming** as you can define classes along with the composition and inheritance.
- **Functions** in Python are like **first-class objects**. It suggests you can assign them to variables, return from other methods and pass them as arguments.
- Developing using Python is quick but running it is often slower than compiled languages.
- Python has several usages like web-based applications, test automation, data modeling, big data analytics, and much more.

Reference : https://protechstack.com/interview/python-interview-questions?gad_source=1&gbraid=0AAAAADFPNV3jVe6_3AXlFtaktLwpV9DKO&gclid=CjwKCAjwwqfABhBcEiwAZJjC3lX_89pZlqU-sS7Layy20SI4HXzbeaVdXx_TGSUyStfN5npQZ2HSGBoCivEQAvD_BwE