

What is Framework?

A framework is a ready-made set of tools, modules, and libraries that help developers and testers build web applications and it's testing more easily and efficiently.

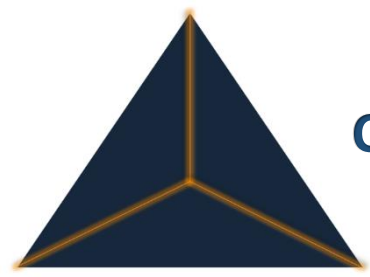
In the Python programming language, there are several frameworks available for different purposes, including web development, data science, machine learning, testing, and more. Some popular Python frameworks include:

1. Flask:

Flask is a lightweight and flexible web framework for building web applications in Python.

2. Django:

Django is a robust and comprehensive web framework for building high-quality web applications in Python.



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Python Framework Notes

3. PyTorch:

PyTorch is a popular framework for deep learning and machine learning in Python.

4. NumPy:

NumPy is a powerful numerical computing library for Python. It is widely used in data science, scientific computing, and machine learning applications.

5. Pandas:

Pandas is a popular data and analysis library for Python. It provides data structures such as Data Frames and Series, along with a wide range of data manipulation and transformation functions, making it a go-to framework for data science and data analysis tasks.

6. Pytest:

Pytest is a widely-used testing framework for Python that provides an expressive and concise way to write tests. It offers powerful features such as test discovery, fixtures, and parameterizations, and integration tests in Python.