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What is Python package ?

Python package is a directory which contains files.

What is `_init_.py` ?

A package (or subpackage), contains a file named `init.py`. This file usually includes the initialization code for the corresponding package.

How to import dataset.py available in xyz package?

- `import xyz.dataset`
- `from xyz import dataset`

How import show() from dataset.py available in xyz package?

- `import xyz.dataset.show()`
- `from xyz.dataset import show()`

List some Python packages ?

- NumPy
- pandas
- pytest

Differentiate Library and Package in Python ?

Library is a collection of packages and package is a collection of modules.

List some Python libraries ?

- Matplotlib
 - pygame
 - PyTorch
 - Requests
 - missingno
 - Beautiful Soup
-

What is Python frameworks ?

Python frameworks are a collection of modules and packages.

List some Python frameworks ?

- Django
- Flask
- Bottle
- CherryPy
- Web2Py

Name some examples which uses Python frameworks ?

- Netflix
- Udemy

Why use Python framework ?

- Open source
- Easy for code reuse

Differentiate micro-framework and full-stack framework ?

As name indicated micro-framework suitable for small applications and full-stack framework suitable for any application.

List some full-stack framework ?

- Django
 - Web2Py
-

List some micro-framework ?

- Flask
 - Bottle
-

What is MVC architecture in Python ?

- Model View Controller
 - Three components of MVC
 - Model
 - View
 - Controller
-

What is Spyder ?

sub-application of Anaconda.

Does opencv for python will work in spyder ?

Yes

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