

## Virtual Environment in python

### Virtual Environment

A virtual environment is a tool used to isolate specific. Python environment on a single machine, allowing you to work on multiple projects with different dependencies and package without conflicts. This can be specifying useful when working on projects that have conflicting package that are not compatible with each other.

To create a virtual environment in python. You can use the venv module that comes with Python. Here' an example of how to create a virtual environment and activate it.

Example:



### The “requirement.txt” file

In addition to creating and activating a virtual environment. It can useful to create a requirements. Txt file that lists the packages and their versions that your project depends on. This file can be easily install all the required packages in a new environment.

Example:

### Source Code

Thank You

