**What is a Virtual Environment?**

Python's official documentation says:

"A virtual environment is a Python environment such that the Python interpreter, libraries and scripts installed into it are isolated from those installed in other virtual environments, and (by default) any libraries installed in a “system” Python, i.e., one which is installed as part of your operating system"

To use venv in your project, in your terminal, create a new project folder, cd to the project folder in your terminal, and run the following command:

**python<version> -m venv <virtual-environment-name>**

**C:/Users/SaifUllahKhan/AppData/Local/Microsoft/WindowsApps/python3.9.exe -m venv venv**

**python3.8 -m venv env**

create the virtual env folder with the env

**.\venv\Scripts\activate**

Used to activate the virtual env

pip freeze > requirements.txt

~ pip install -r requirements.txt

Import <file name > :- when we import the file we the file will automatically run.