# How to set up a python virtual environment

In Command Prompt or PowerShell change to the directory of the project then type:

python -m venv venv\

# How to activate the environment

From the same directory type:

venv\scripts\activate

Your prompt should look something like:

(venv) C:\wherever\you\are

You can now install packages to this virtual environment as you would normally install a global package.

pip install package-name

# How to create requirements.txt

Once you have installed all the packages required you can create requirements.txt with the following command:

pip freeze > requirements.txt

# How to install packages from requirements.txt

From the project directory (assuming that’s where requirements.txt is and make sure you have activated the venv)

pip install -r requirements.txt

# How to deactivate the environment

Type:

deactivate