Short Instructions to create the venv in Ubuntu

1- create a folder to store your virtual envs (e.g., home/usr/venvs)

2- open the shell and move to the venv folder path

3- create the virtual env using the following command (the name can be changed)
python3 -m venv FE_LabPEPLF_v2
Note: replace with the windows/mac specific command here

4- move to the created venv folder and activate the venv by: source bin/activate

```
standard@ws005786:~/venv$ cd FE_LabPEPLF_v2
standard@ws005786:~/venv/FE_LabPEPLF_v2$ source bin/activate
(FE_LabPEPLF_v2) standard@ws005786:~/venv/FE_LabPEPLF_v2$
```

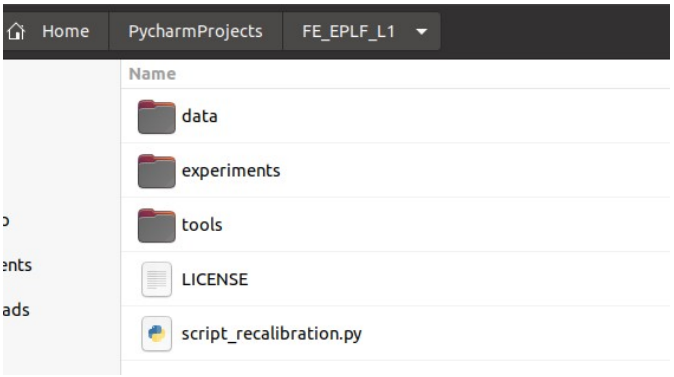
5- upgrade pip
pip install --upgrade pip

6- install the required packages:
pip install matplotlib
pip install tensorflow
pip install pandas
pip install optuna
pip install optuna-dashboard
pip install optuna-integration

7- close the venv by:
deactivate

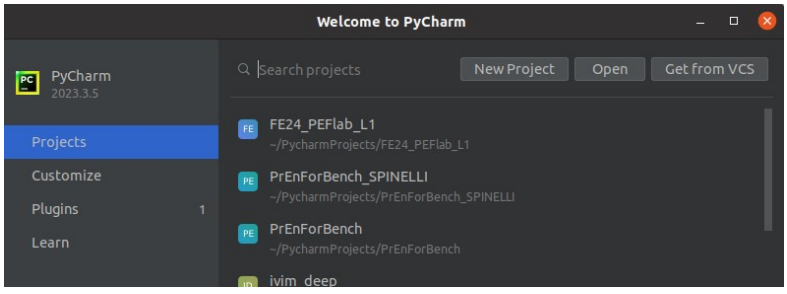
How to link the venv to the project

1- copy the downloaded project in a folder where you store the pycharm projs (e.g., PycharmProjects)



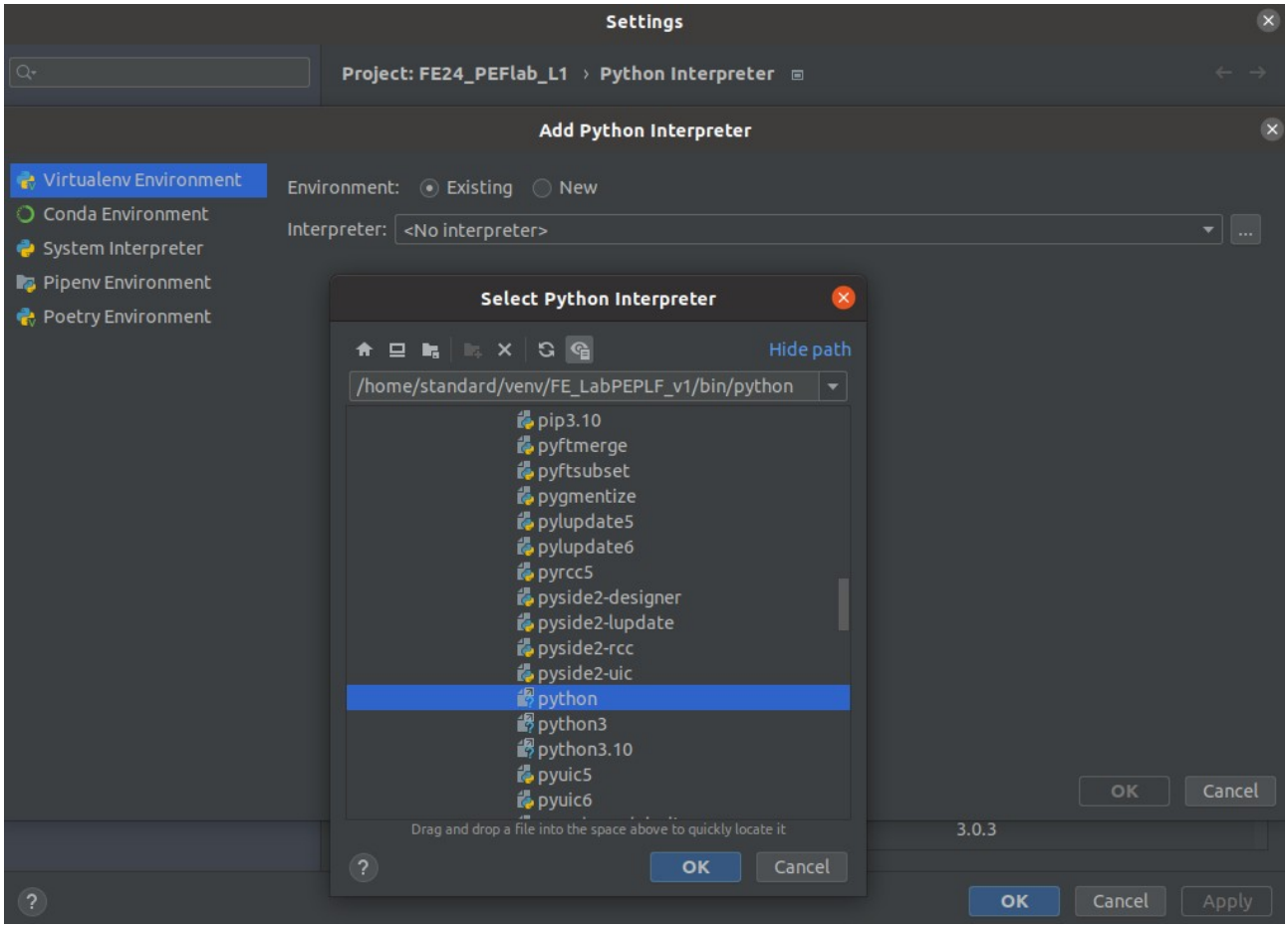
2-close the previously opened pycharm prj using File → close project

3-select “open” from the main window



4- select the root folder of the project (FE24_PEFlab_L1)

5- in pycharm go to File-→ settings
select Add Interpreter→add local interpreter
choose existing and link to the python file inside the bin folder of your venv



6- debug script-recalibration.py