

1. Create a new project
2. Select location: <path to your CE888/labs/lab3>
3. Select project interpreter “New environment using virtualenv”
4. Click “Create”
5. Open a terminal: right click on the project folder -> “Open in terminal”
6. Upgrade pip: in the terminal that opened, type:

```
python -m pip install --upgrade pip
```

7. File -> Settings -> Project -> Project interpreter
8. Click on the “+” symbol that appears on the right
9. Look for the following packages and install them:
 - numpy
 - matplotlib
 - seaborn
 - tensorflow
 - scikit-learn
 - jupyter
10. It will take a few minutes to install everything.
 - If any of them fails, try: `pip install --user <package_name>`
11. When it’s done, create a new file in your project folder called `test_libraries.py`
12. In the file, copy:

```
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sbs
import tensorflow as tf
import sklearn as sk
```
13. Run the file (right click on the name, Run “test_libraries.py”)
14. If you don’t get any errors, you’re ready to start
15. Otherwise, check that all the packages were installed and try again.

Now you should be ready to run the notebooks.

On the command line type “jupyter notebook”

This will open the browser as usual.