1. Install anaconda for python 2.7

It is important to install python 2.7 version because there is more packages available than in 3.5

https://www.continuum.io/downloads

2. Install scikit-learn:

a) Open anaconda command prompt:

b) Type: "pip install -U scikit-learn"

It should download all packages and you should be successful.

If you would have any problems check on this site:

http://scikit-learn.org/stable/install.html

3. Install PyTFTB - python time frequency toolbox

a) (For git users) if you have git (if you don't it might be good occasion to start using it :) ) use command "git clone https://github.com/scikit-signal/pytftb" in git shell opened anywhere on your disk. It will download repository from GitHub

a) (For others) download repository from https://github.com/scikit-signal/pytftb (there is 'download zip' in right side upper corner) and unpack it somewhere on your disk

b) In anaconda command prompt follow to "pytftb" folder and type: "pip install -r requirements.txt"

c) Then type: "python setup.py install"

4. Install PyWavelets:

a) Open anaconda command prompt and type: "pip install PyWavelets"

5. Now you should be ready to follow our tutorial :)

We will be using ipython notebook so you can run it and check if everything is fine:

- Open anaconda command prompt
- type "ipython notebook", after while it should open "jupyter" in your internet browser.
- using jupyter create new python 2 notebook and in cell paste this code:

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```
import pywt # Library for wavelets operations
import numpy as np # Library for array and matrix manipulations
import math # Librarry for many mathematical operations
import tftb # time-frequency-tool-box - signal processing
from scipy.special import expit
from scipy import misc
from sklearn import metrics
%matplotlib inline
import matplotlib.pyplot as plt # Library for ploting
import matplotlib as mpl
```

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- hit "shift + enter" and it should run successful without any warnings or errors
- It would be great if you could learn some basics of that environment. It is very easy:

http://ipython.org/

http://opentechschool.github.io/python-data-intro/core/notebook.html

https://try.jupyter.org/

Ok so that is everything we would need. If you will confront any problems during this stuff. Please feel free to contact us :)