Setting up your environment.

1. Download python & python distribution

miniconda: https://docs.conda.io/en/latest/miniconda.html

2. Create python environment

terminal/bash command:

```
conda create –name introtf python=3.7
```

To enter the **introtf** environment:

```
conda activate introtf
```

To deactivate the environment:

```
conda deactivate
```

3. Install libraries into the environment

```
conda install -y scipy
conda install -y jupyter
conda install -c anaconda anaconda-navigator
pip install --exists-action i --upgrade sklearn
pip install --exists-action i --upgrade pandas
pip install --exists-action i --upgrade pandas-datareader
pip install --exists-action i --upgrade matplotlib
pip install --exists-action i --upgrade tqdm
pip install --exists-action i --upgrade requests
pip install --exists-action i --upgrade pyyaml
pip install --exists-action i --upgrade tensorflow_hub
pip install --exists-action i --upgrade bayesian-optimization
pip install --exists-action i --upgrade statsmodels
pip install --exists-action i --upgrade flask
pip install --exists-action i --upgrade boto3
pip install --exists-action i --upgrade gym
conda update -y –all
```

4. Install Tensorflow & Keras

In the latest version of Tensorflow (v 2.0), Keras now comes with Tensorflow.

```
pip install --exists-action i --upgrade tensorflow
```