Installing Python with ANACONDA

STEPS

1. Download the suitable distribution of Anaconda for your machine.
   a. For LINUX

```
$ wget https://repo.continuum.io/archive/Anaconda3-4.2.0-Linux-x86_64.sh
$ bash Anaconda3-4.2.0-Linux-x86_64.sh
```

   a. For MAC OSX use the graphic installer and follow the instructions to install it.
   https://www.continuum.io/downloads#osx
2. Reinitialize the terminal to update the changes in the .bashrc (including Anaconda path).
3. In the new terminal you can confirm you have anaconda installed by typing

```
$ conda info
```

4. Now create an environment specifically designated for the workshop (and all the dependencies and required packages).

```
$ conda create -n cinvespyenv python=2.7 numpy scipy matplotlib h5py ipyth
on jupyter h5py pandas astropy seaborn
```

5. Activate the new environment.

```
$ source activate cinvespyenv
```

6. Now you can open a Jupyter notebook with the following instruction

```
(cinvespyenv) $ jupyter notebook
```

More info on managing environments with conda here.

If you have a *.yml file with the listed requirements you can create the corresponding environment with the following instruction (after having Anaconda properly installed)

```
$ conda env create -f name-of-the-enviroment.yml
```

for instance, you can use the **cinvespyenv.yml** file and install all the dependencies typing:

```
$conda env create -f cinvespyenv.yml
```