

Greetings,

Because of several reasons such as,
different platforms (windows, mac etc)
and **available versions of the libraries**,
some of you are facing **problems while**
installing the python libraries.

Let's be consistent and focus on learning.

I have created a ***DSMLBC_Py36.yml*** (*please download and put it into the course_material folder*) file for you, this will make life much mush easier for all of us.

I strongly recommend to create an environment using this file ***so that we all are on the same platform*** for this wonderful journey of learning Data Science and Machine Learning.

Once, you finish this course, you can explore different stuff and learn about small changes in the different versions of python libraries.

It will be super easy at that stage!

I hope you all understand this!

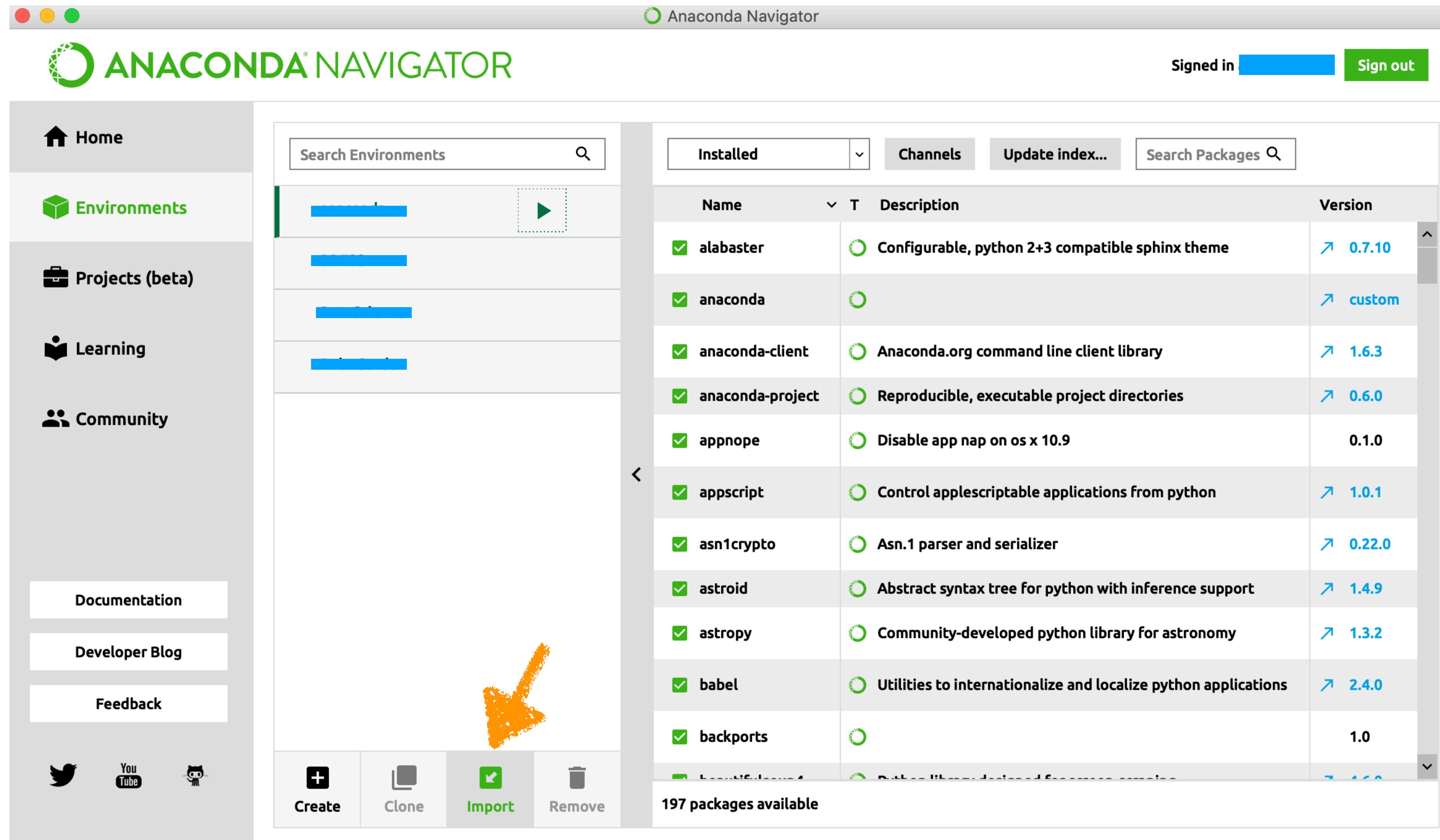
Let's move one, I will give you two options!

Option 1

Using provided ***DSMLBC_Py36.yml*** file

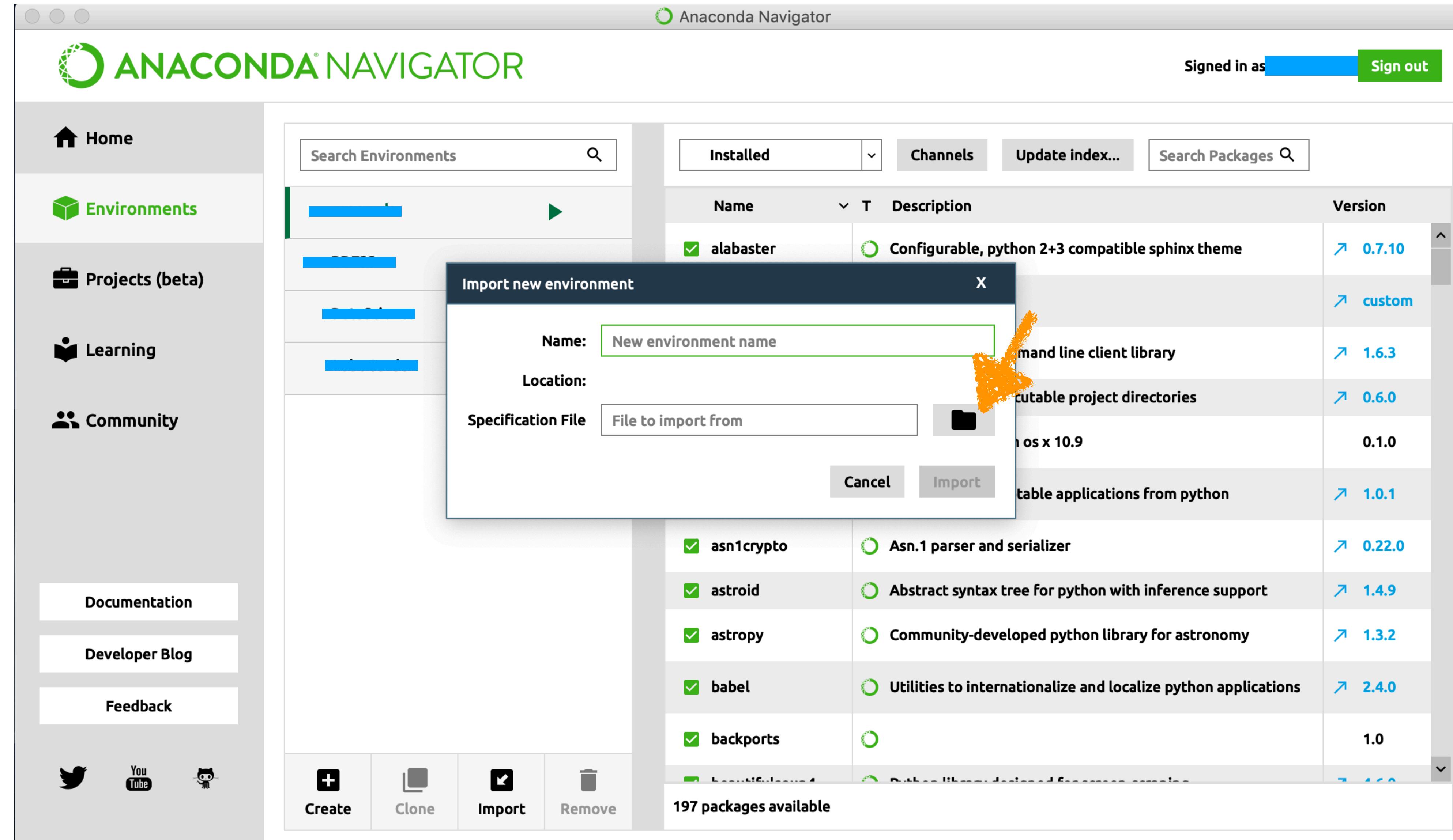
Option 1

Run anaconda navigator on your machine and click import (see the arrow)



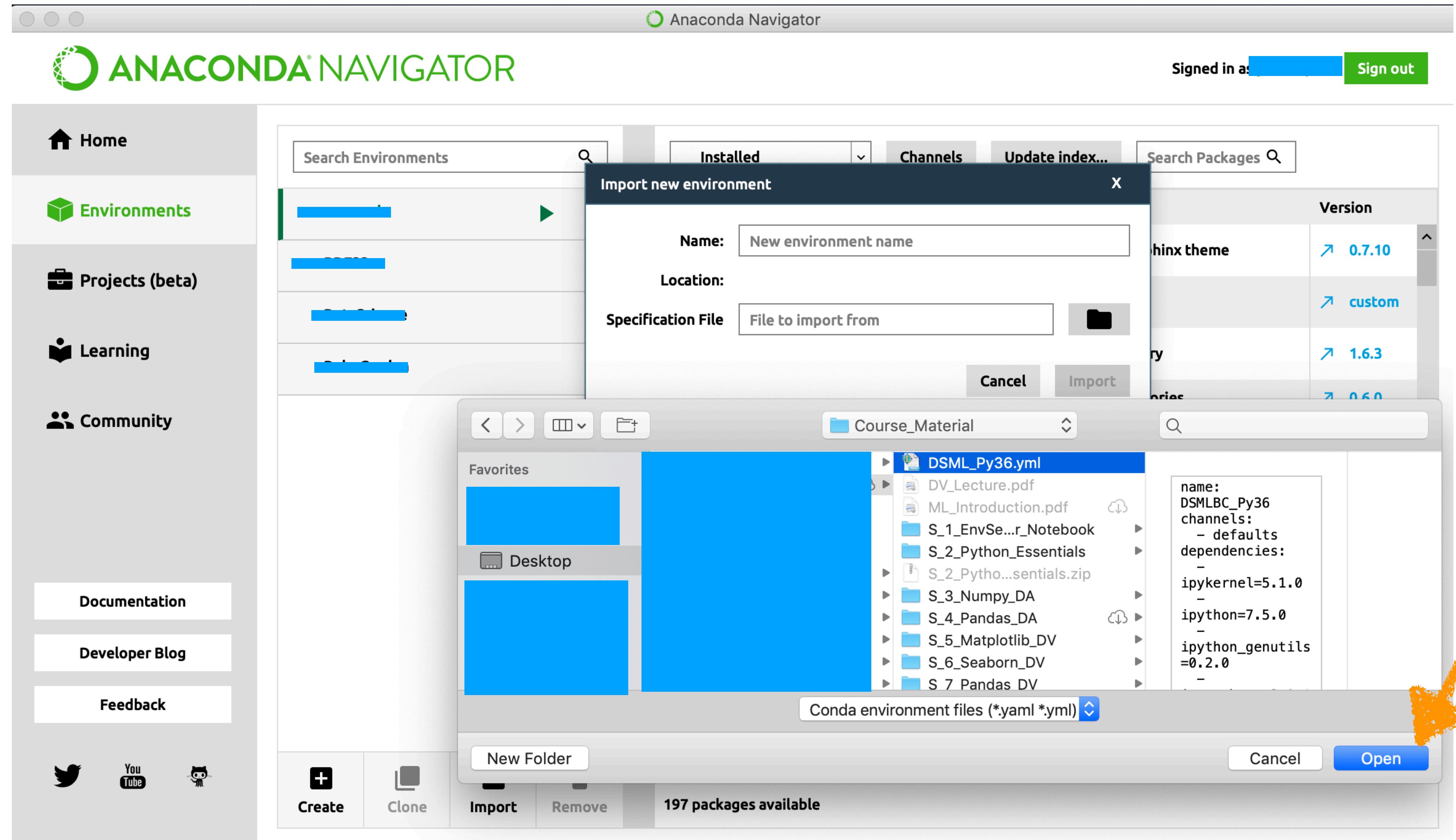
Option 1

Click on the folder (arrow) to browse the provided .yml file “DSML_Py36.yml”



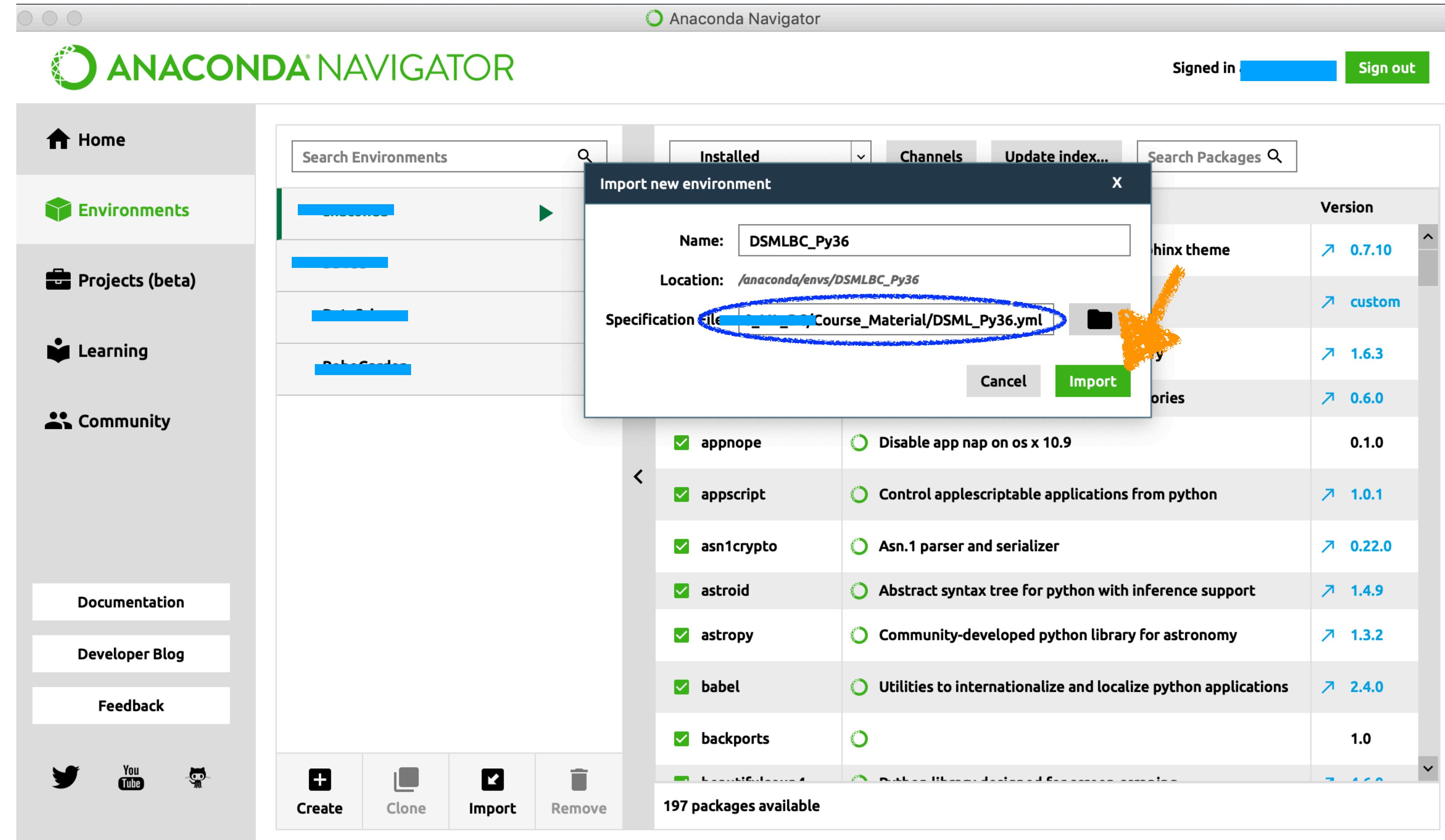
Option 1

Select “DSML_Py36.yml” file and press open. (it depends where you have stored this file)



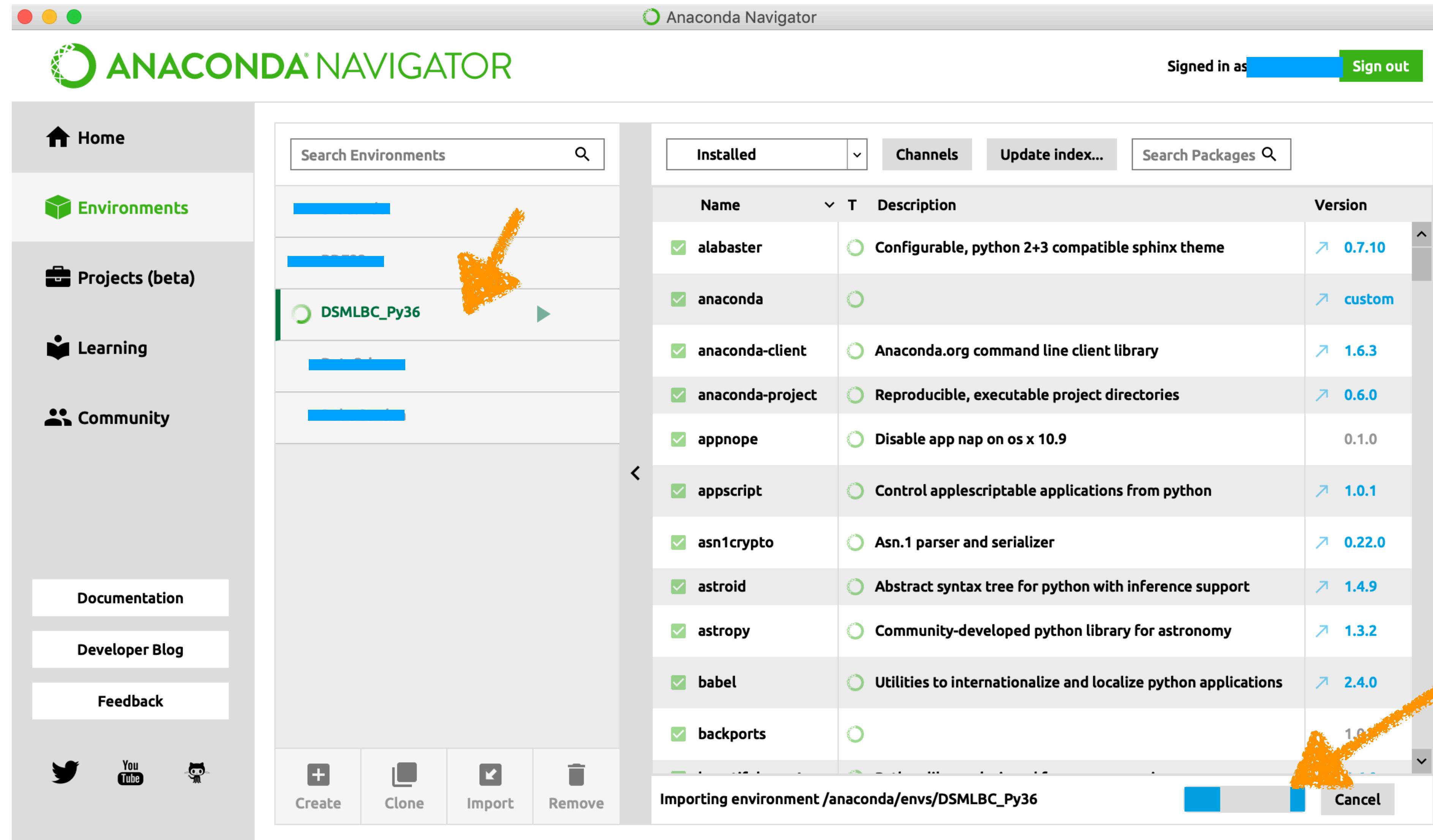
Option 1

Click import (notice the path to the file in the circle)



Option 1

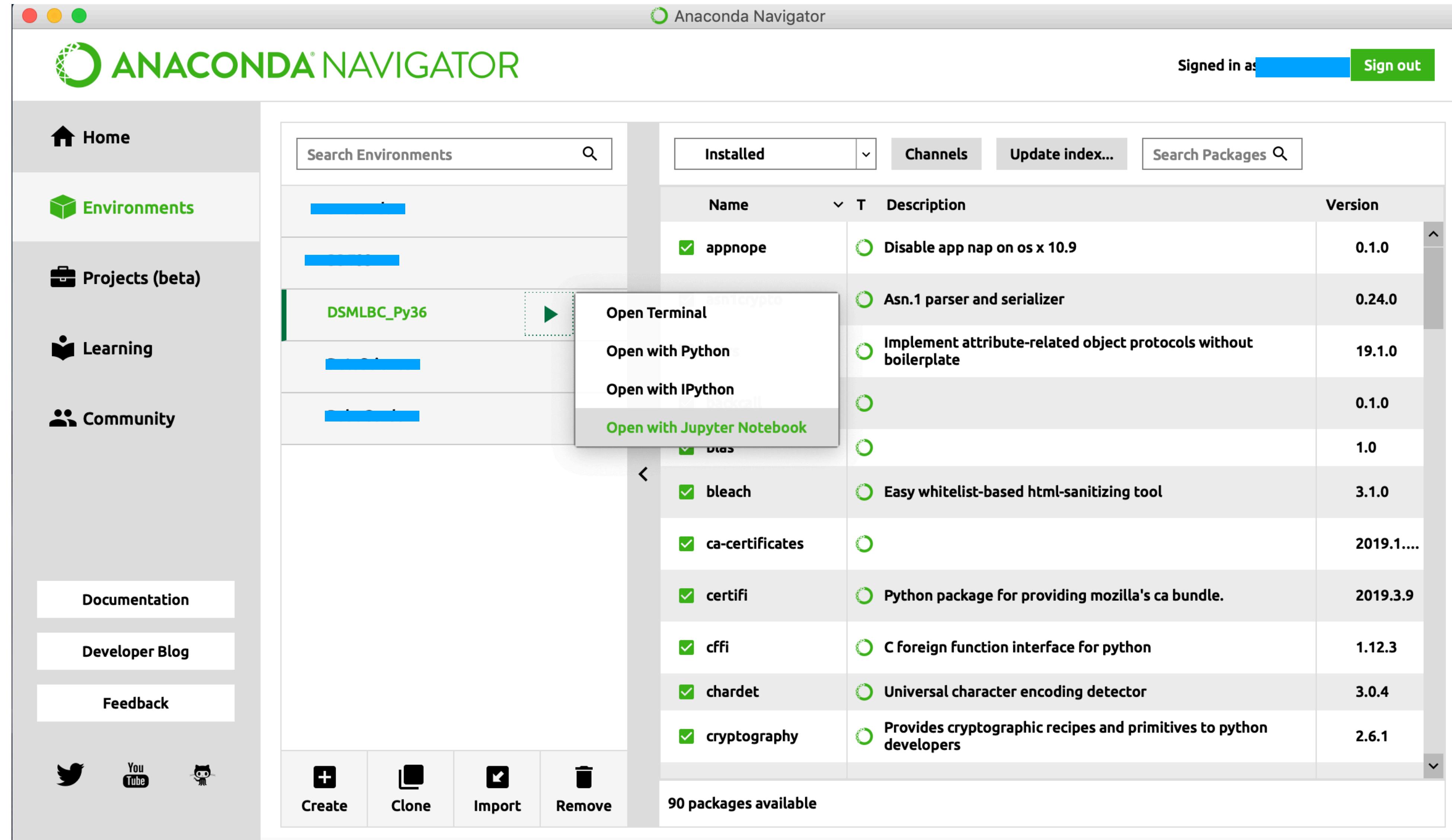
After import, you will see new environment “DSMLBC_Py36”. It will take some time to finish!



This blue
bar will
scroll, busy
working!

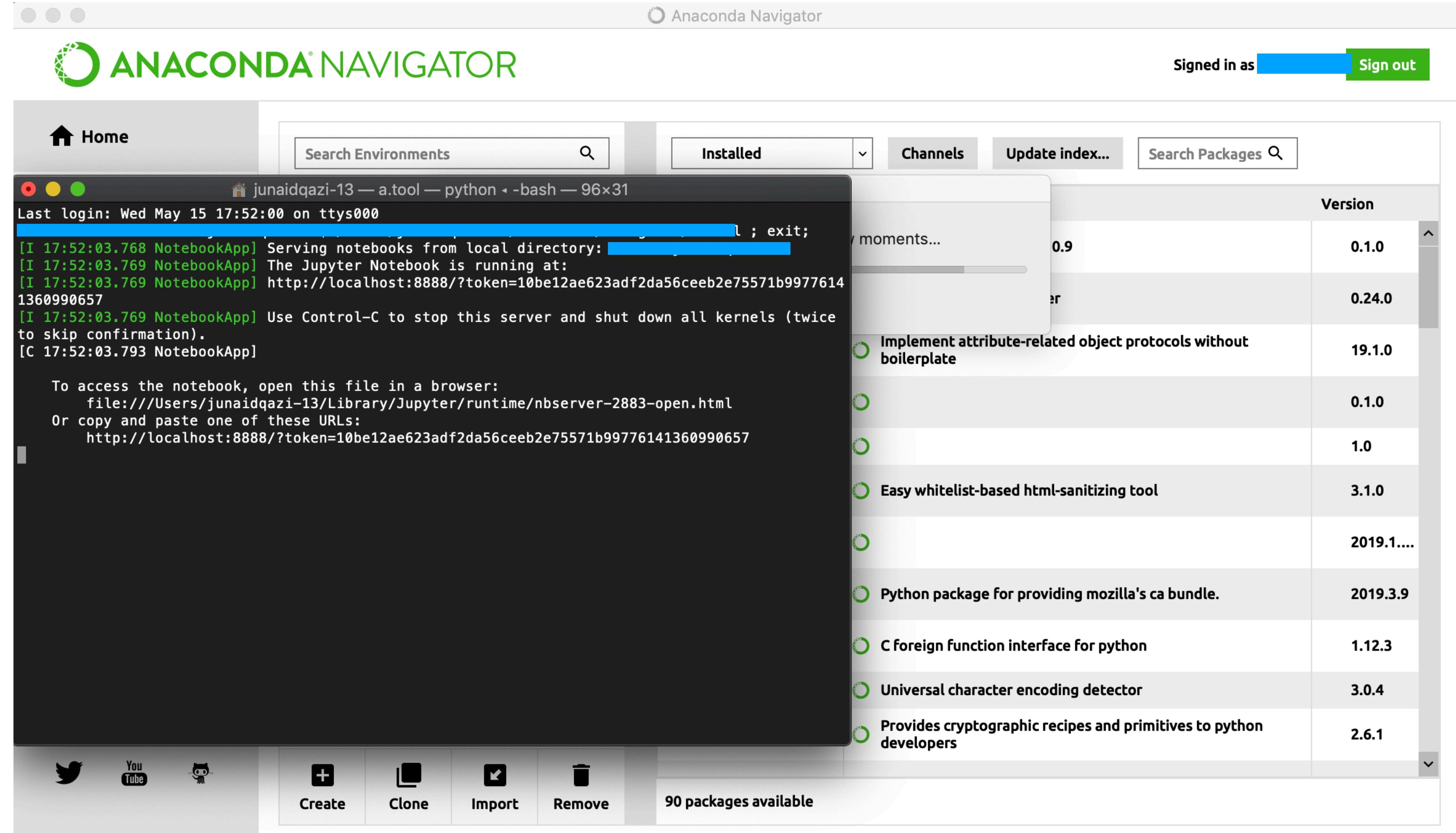
Option 1

Once finished, go to the newly created environment and click “Open with Jupyter Notebook.



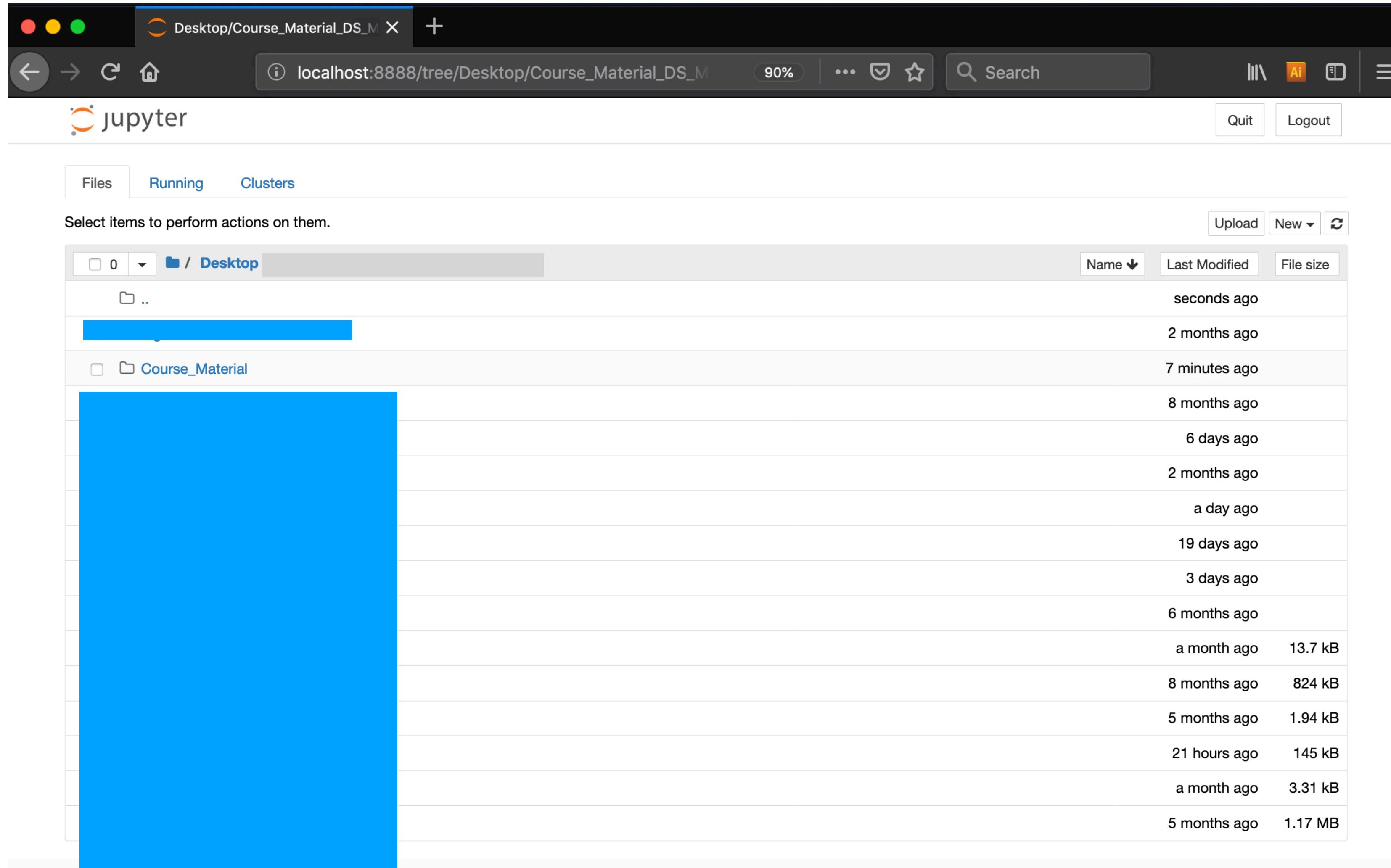
Option 1

You will see similar window (cmd / terminal) and in a while, Jupyter notebook will be running in your browser! (see next slide)



Option 1

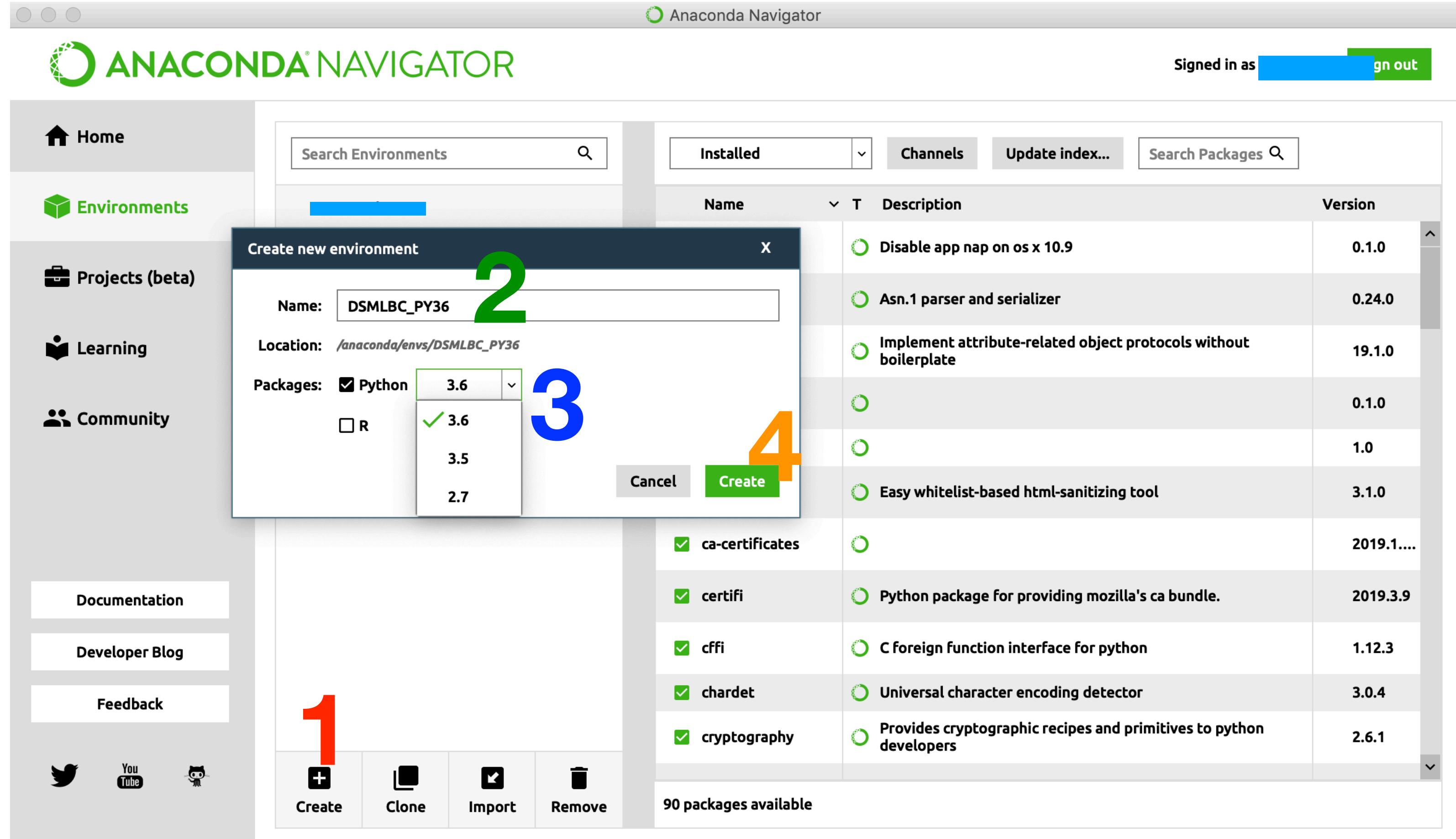
Go to the course material folder and start working!!!



Option 2

Manual installation of individual libraries (specific versions).

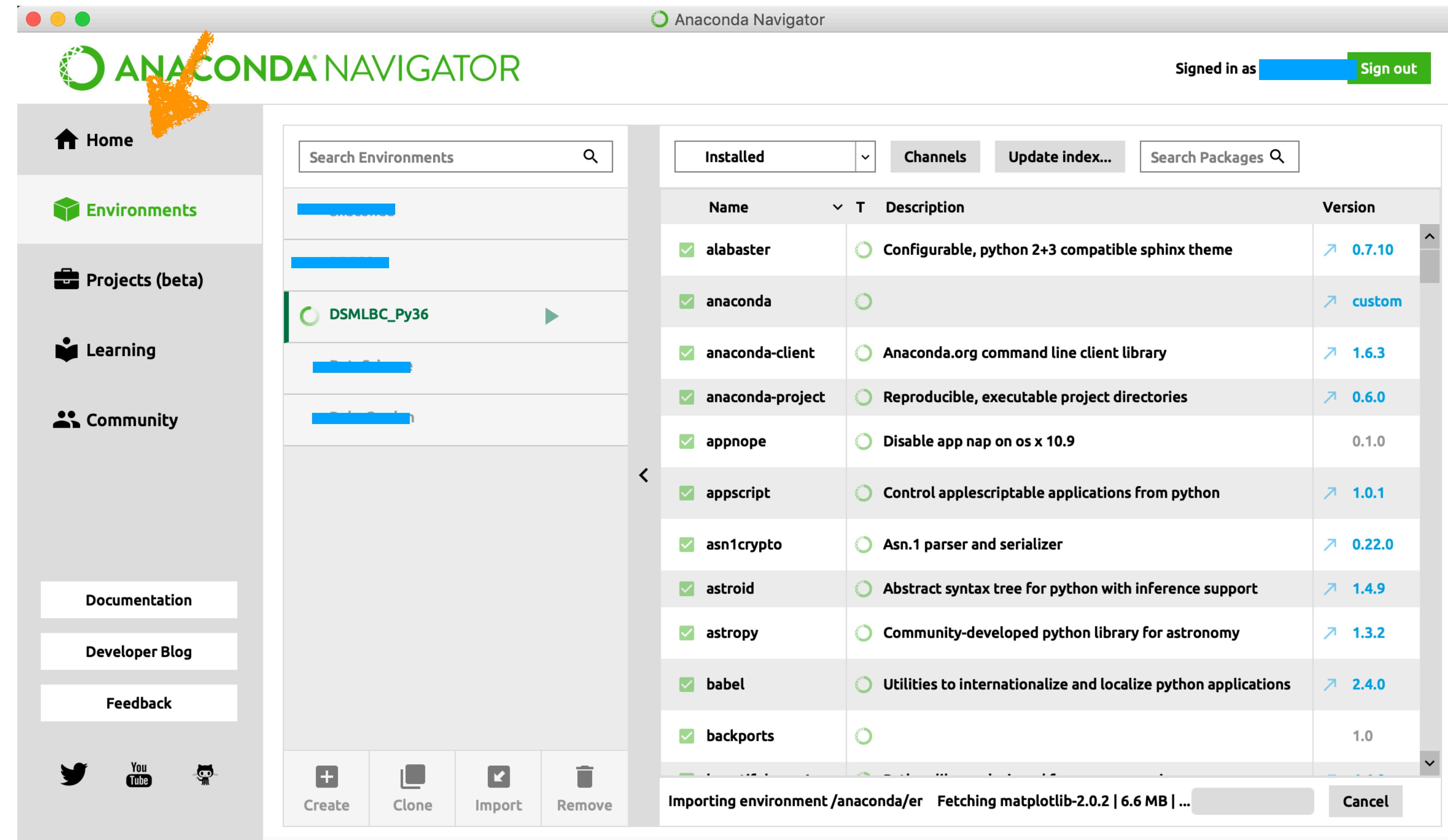
Option 2



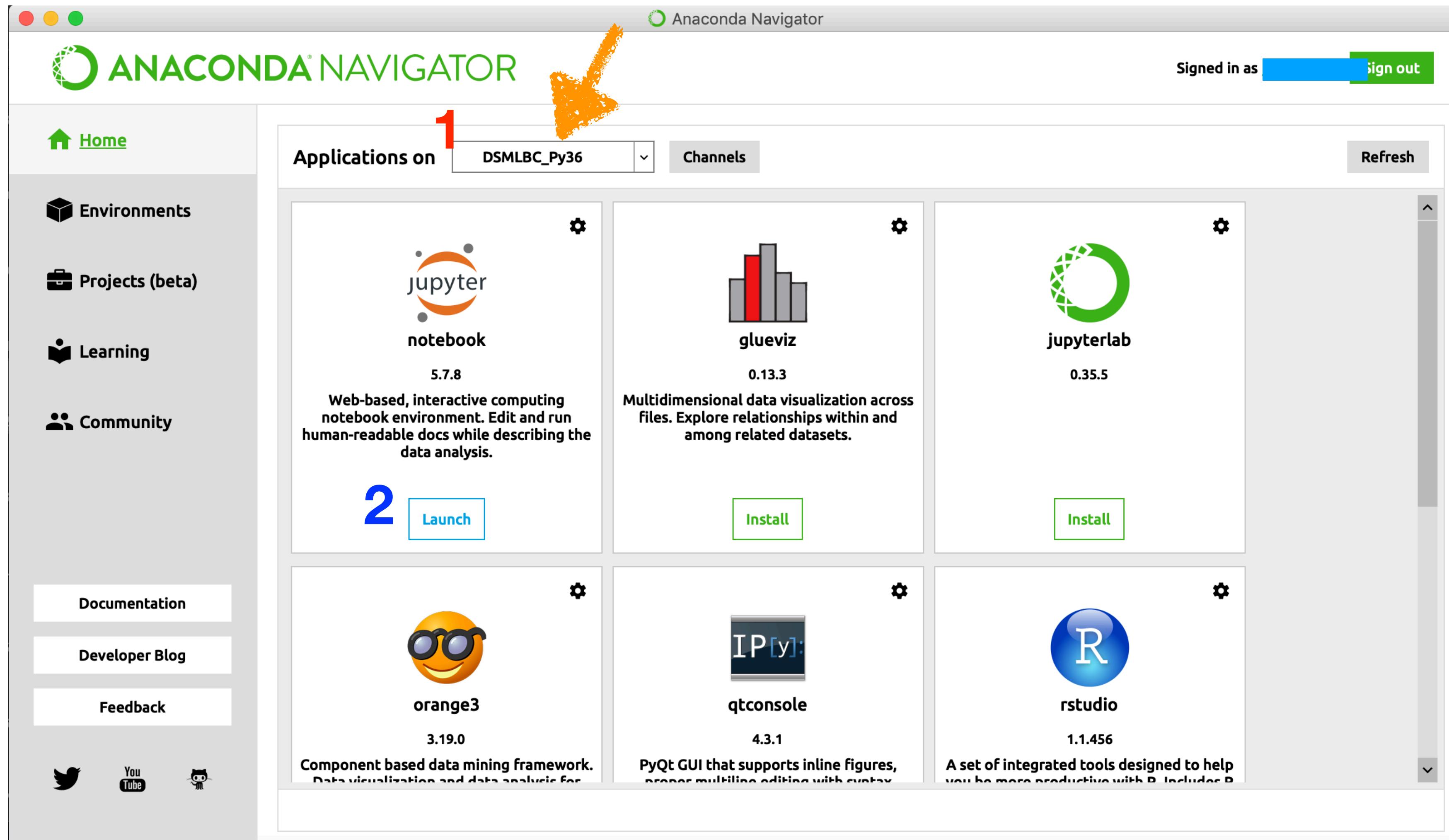
- 1: Click create**
- 2: Name the environment**
- 3: Select Python 3.6**
- 4: Click create**

Option 2

Wait for a while to finish the process. Once finish, click Home



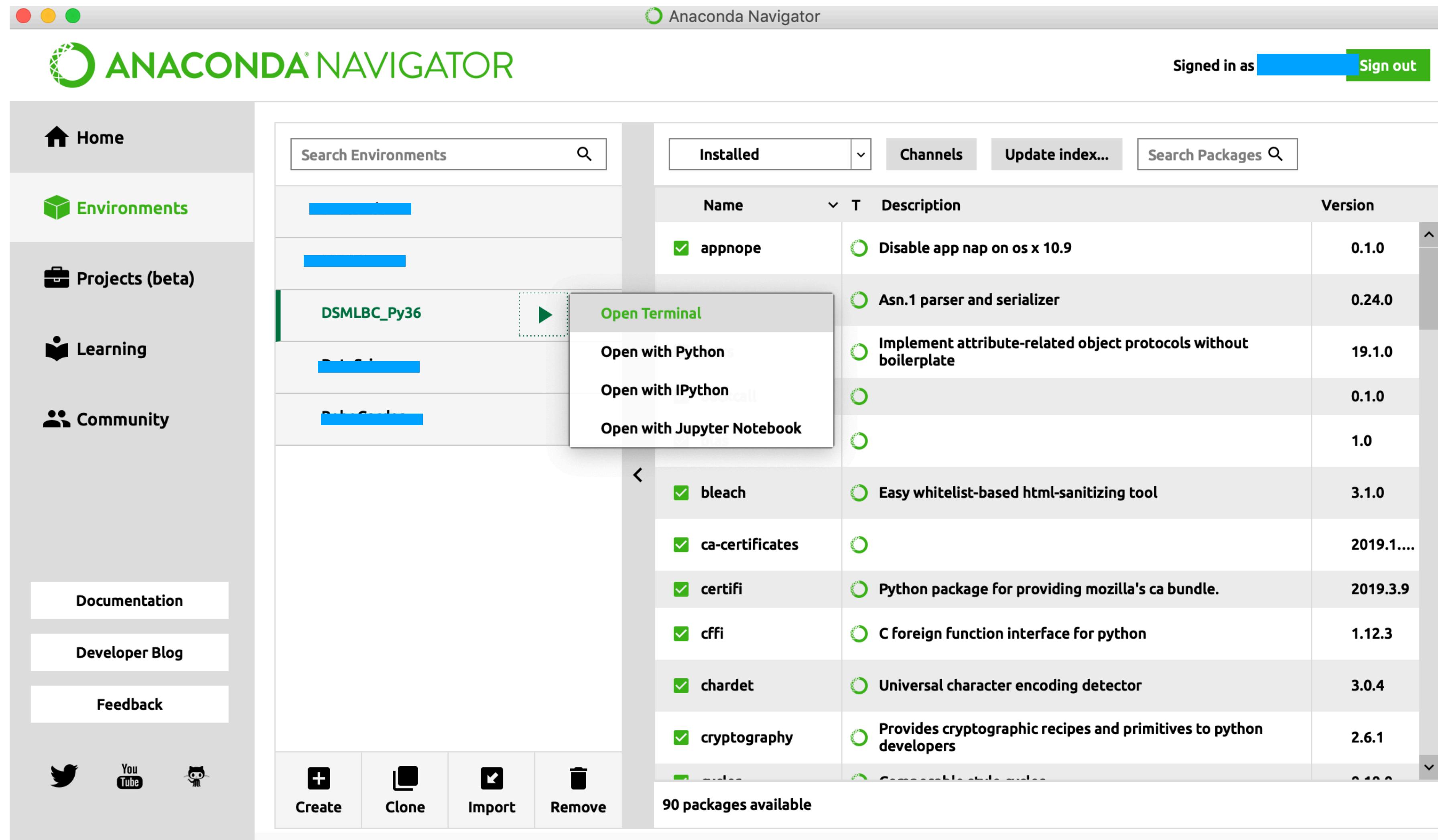
Option 2



- 1: Make sure you are in the right environment**
- 2: click “install” in the Jupyter Notebook. (After finishing, it will show launch - as shown in the image)**

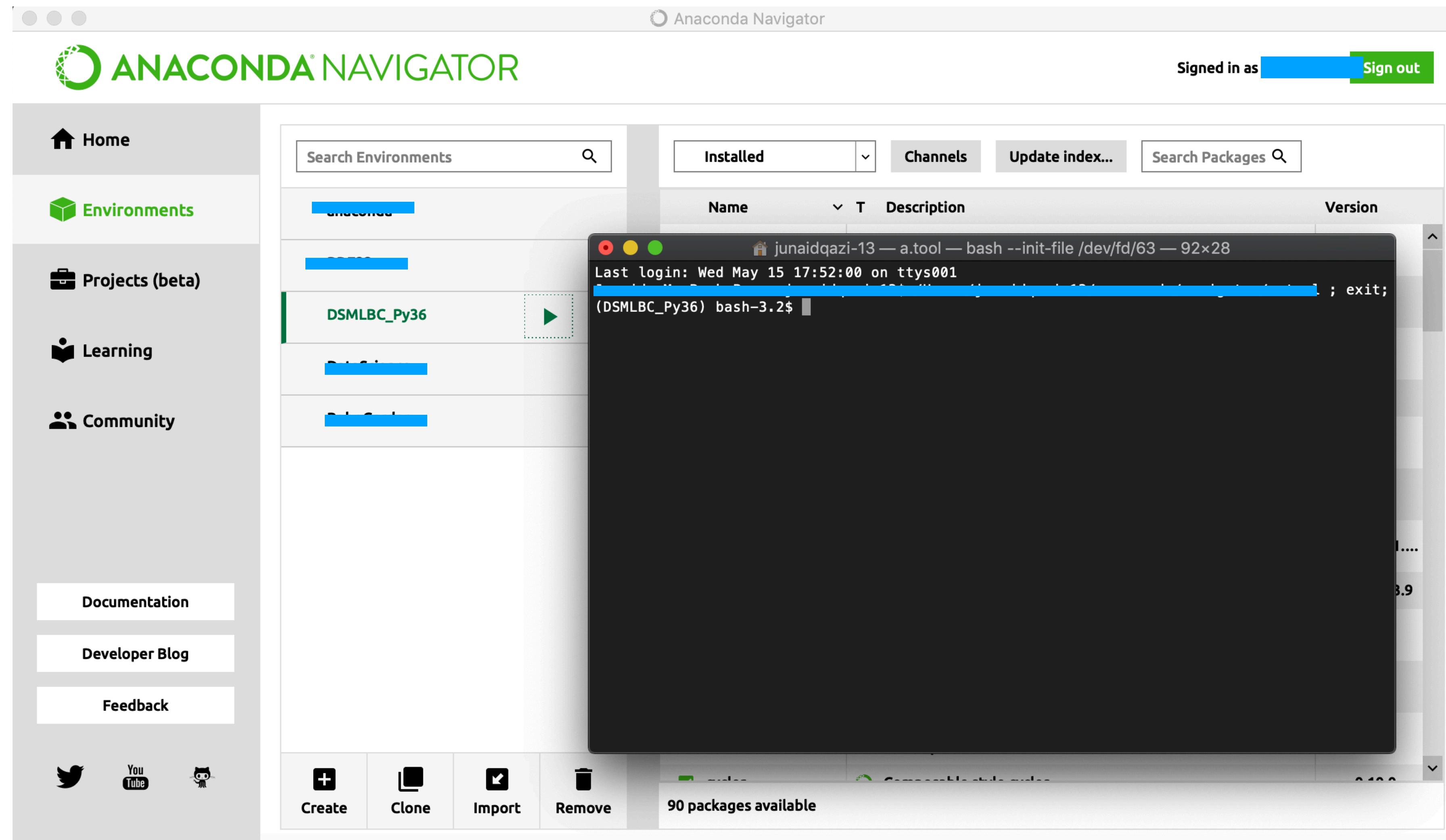
Option 2

Click environment again and this time launch it with “Open Terminal”

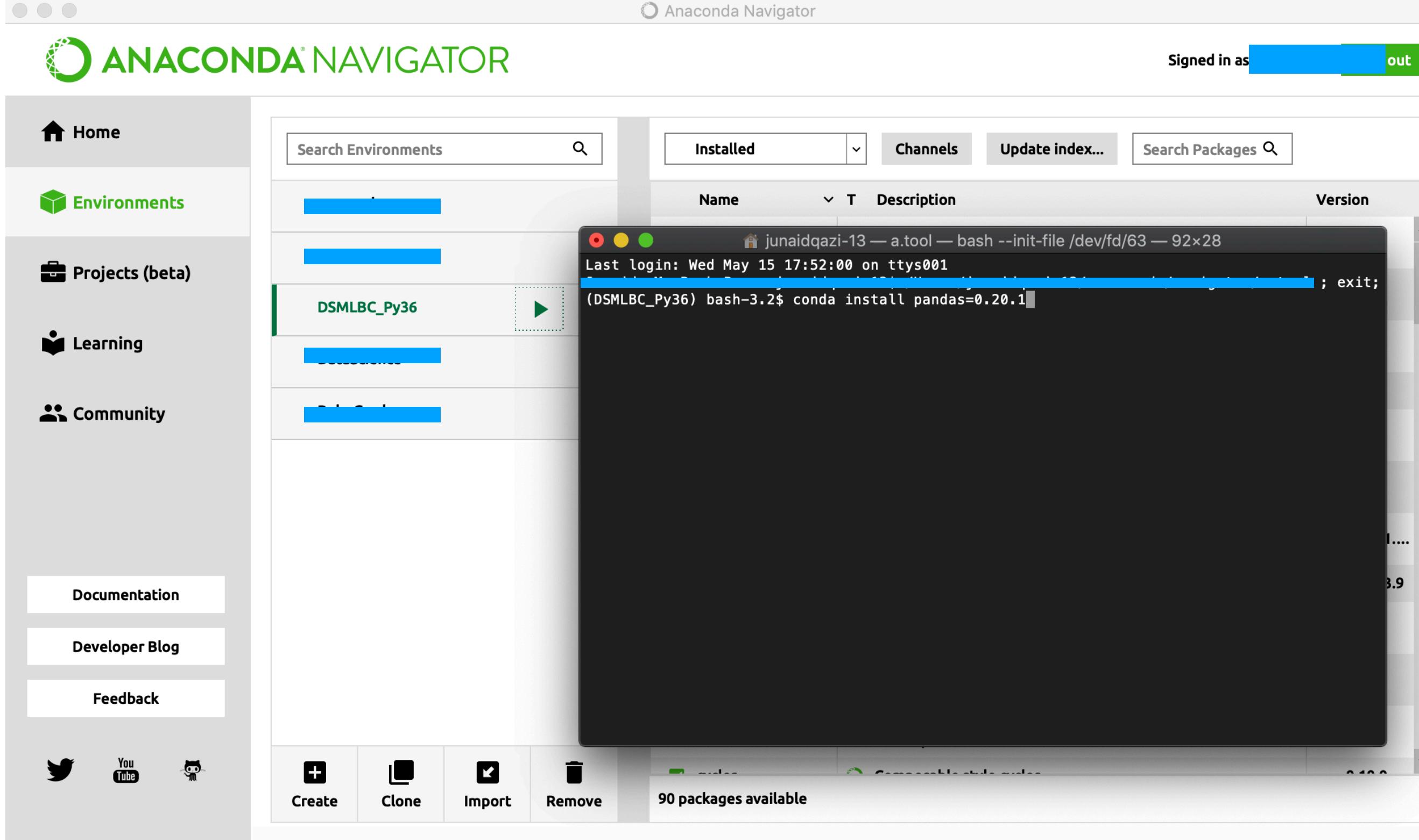


Option 2

A terminal/cmd will popup



Option 2



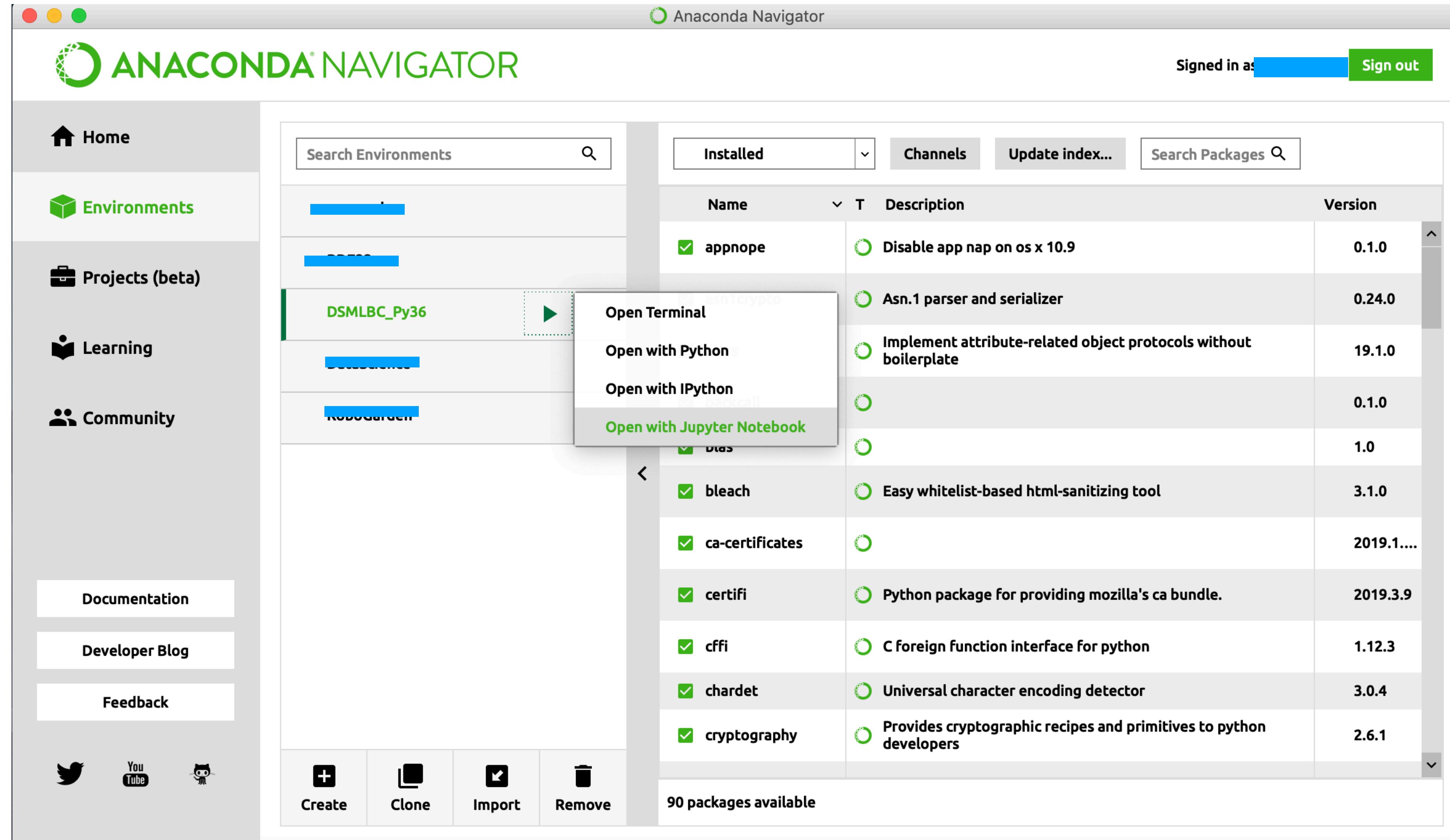
Now install all the packages one by one and follow the on screen instructions. the commands to install required packages along with their versions are given on the right.

conda install numpy=1.11.3
conda install -c conda-forge pandas=0.20.0
conda install nltk=3.2.3
conda install plotly=2.4.1
conda install scikit-learn=0.20.0
conda install matplotlib=2.0.2
conda install seaborn=0.7.1
pip install cufflinks==0.12.1

cufflinks sometime creates problems, it needs to be installed using pip. Also notice “==” for cufflinks!

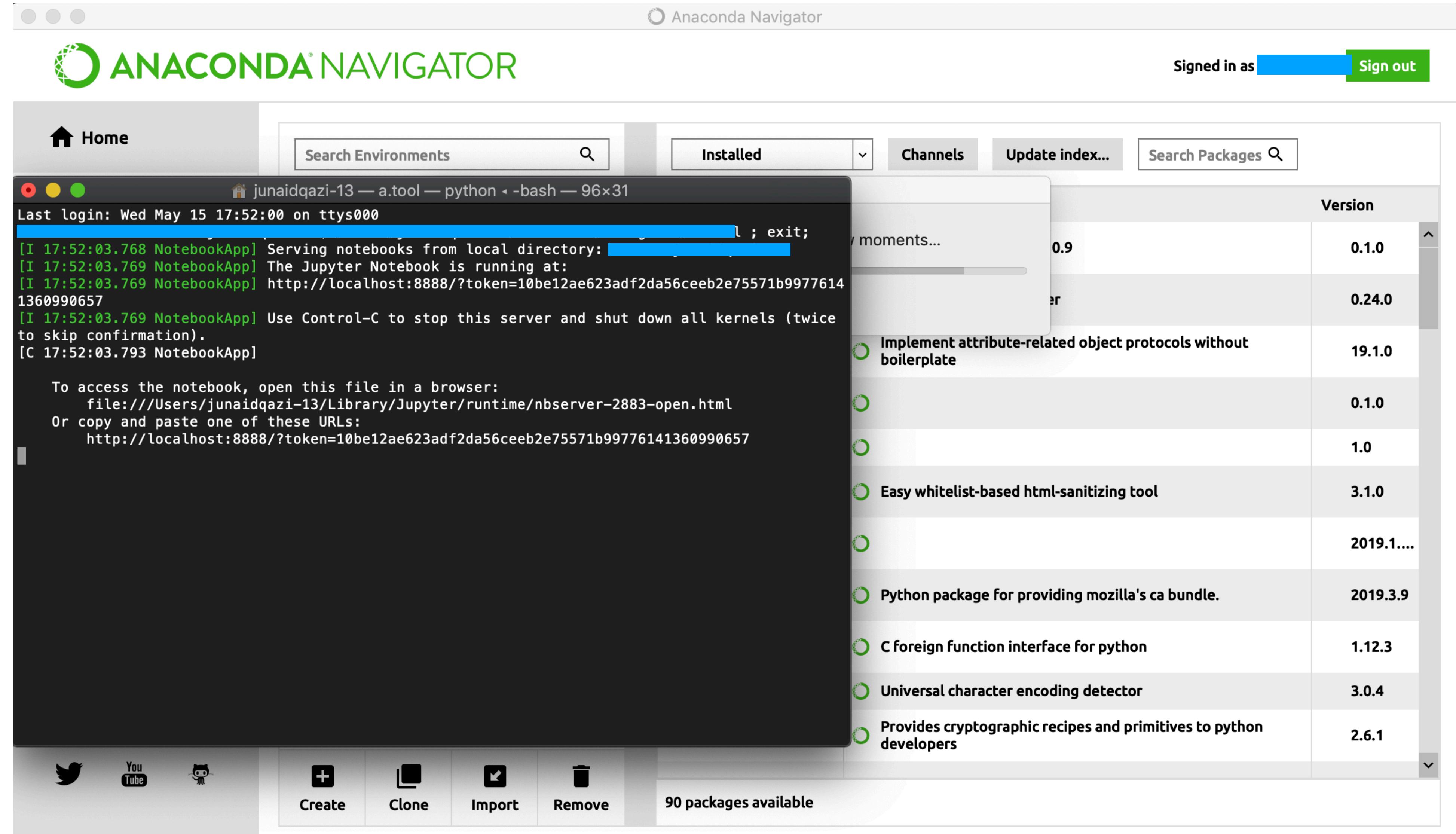
Option 2

Once finished, go to the newly created environment and click “Open with Jupyter Notebook.



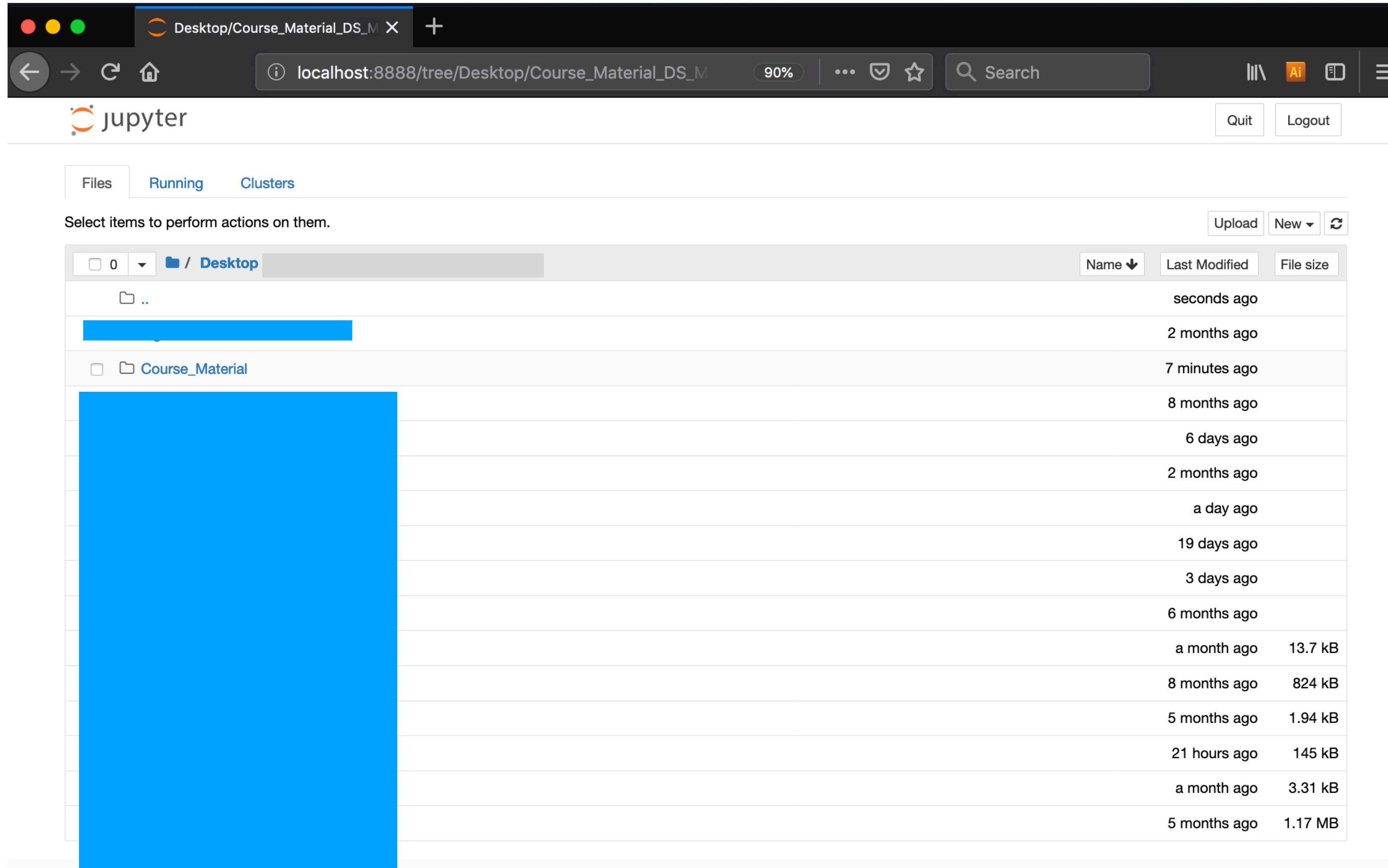
Option 2

You will see similar window (cmd / terminal) and in a while, Jupyter notebook will be running in your browser! (see next slide)



Option 2

Go to the course material folder and start working!!!



Done!

**You are all set to learn Data
Science and Machine Learning.**

Good Luck!

Feel free to ask questions.