Installation Guide

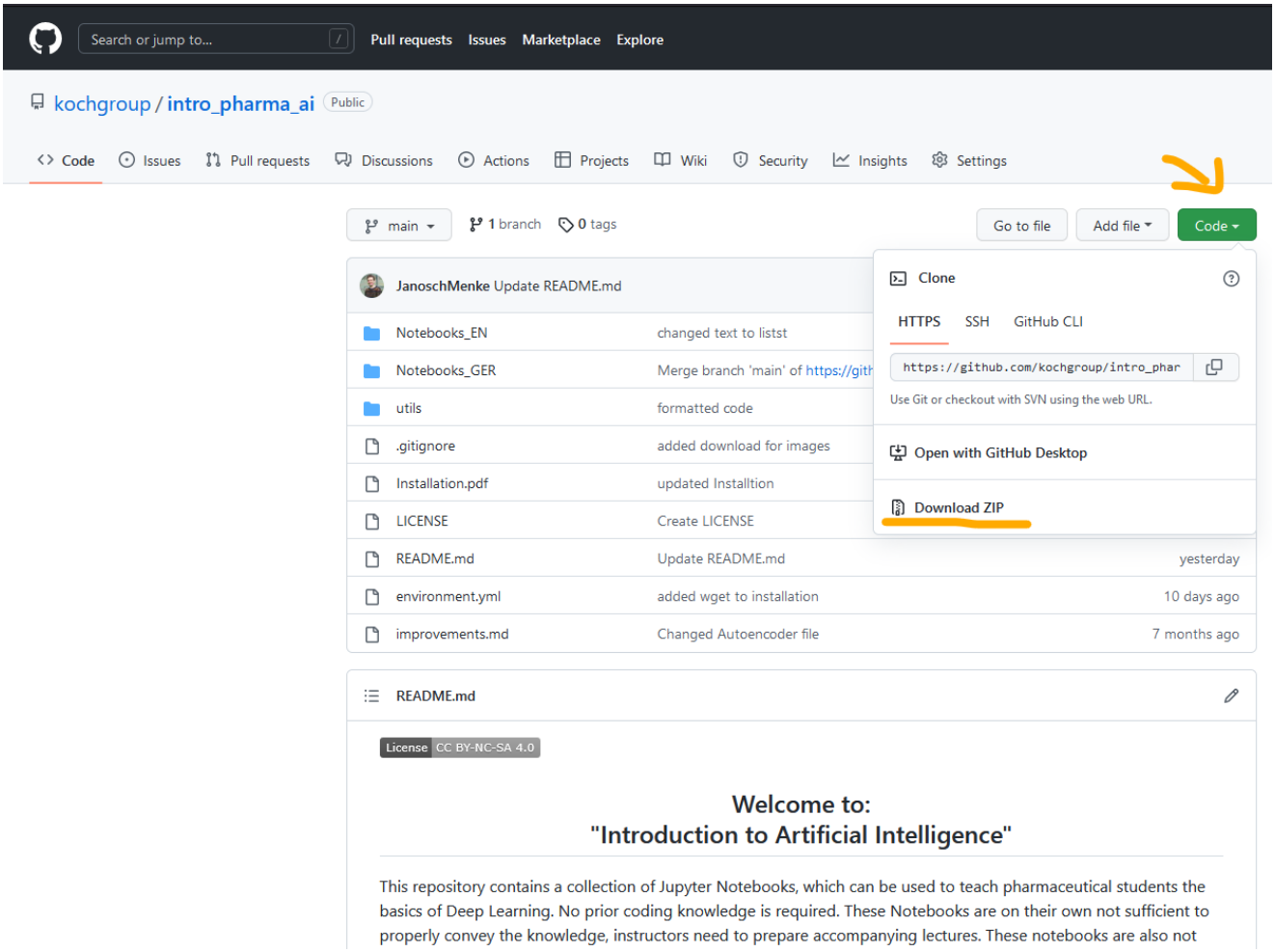
If you want to run the Jupyter Notebooks on your own machine you need to install not only Jupyter but also the right version of Python. You also have to install addtional Libraries that can be used with Python.

In the following we will guide you through the process.

Download the GitHub Repository:

First the materials have to be downloaded and extracted.

You can download the repository from the GitHub page here
Just click on the green "Code" button and then on "Download ZIP"



Extract the downloaded ZIP to a location taht you can easily find again. We recommend to extrac the files to your main drive (`C:`)

Install Anaconda:

As a second step Anaconda needs to be installed. Anaconda is a widely used program that lets you easily acess and manage several important statistical and machine learining tools,

including Jupyter Notebooks.

1. Anaconda can be downloaded. from this link: https://www.anaconda.com/products/individual#Downloads

   Chose the Installer that fits to your OS.

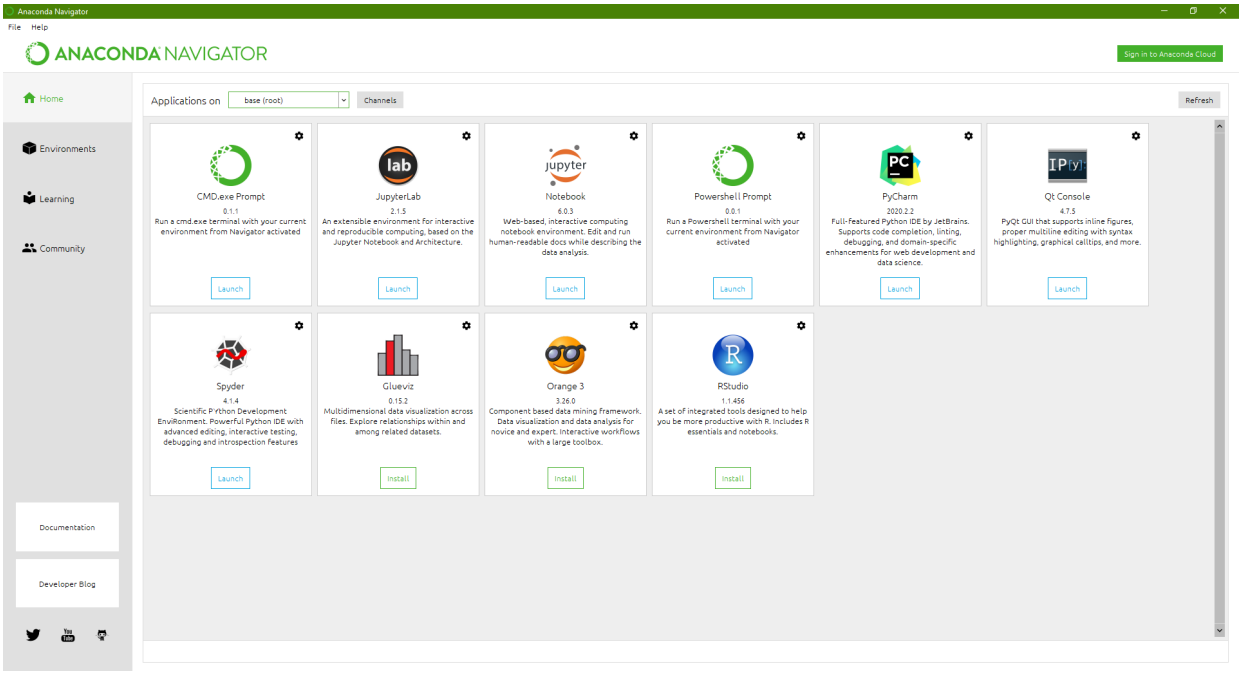
   For Windows/MacOS users: Make sure you use the Graphical Installer. If you don't know if you have a 64- or 32-bit operating system, you can find out with this link. Basically all Windows 10 users should have a x64-bit version installed.

2. After downloading, please follow the instructions:

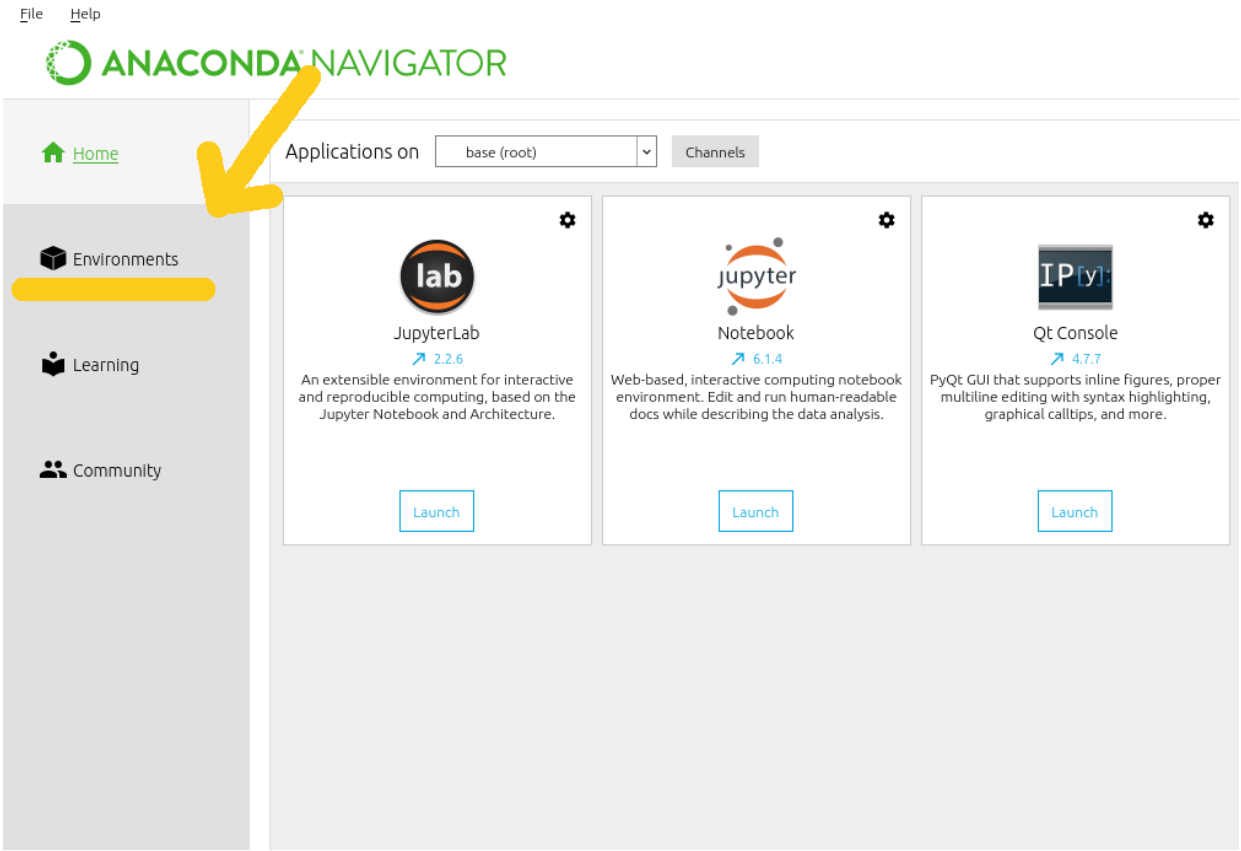
   - Windows
   - MacOs
   - Linux

3. Now open the "Anaconda Navigator". In Windows, for example, you can simply type Anaconda into the search bar and the Navigator should open. One linux you can use the `anaconda-navigator` in the terminal.

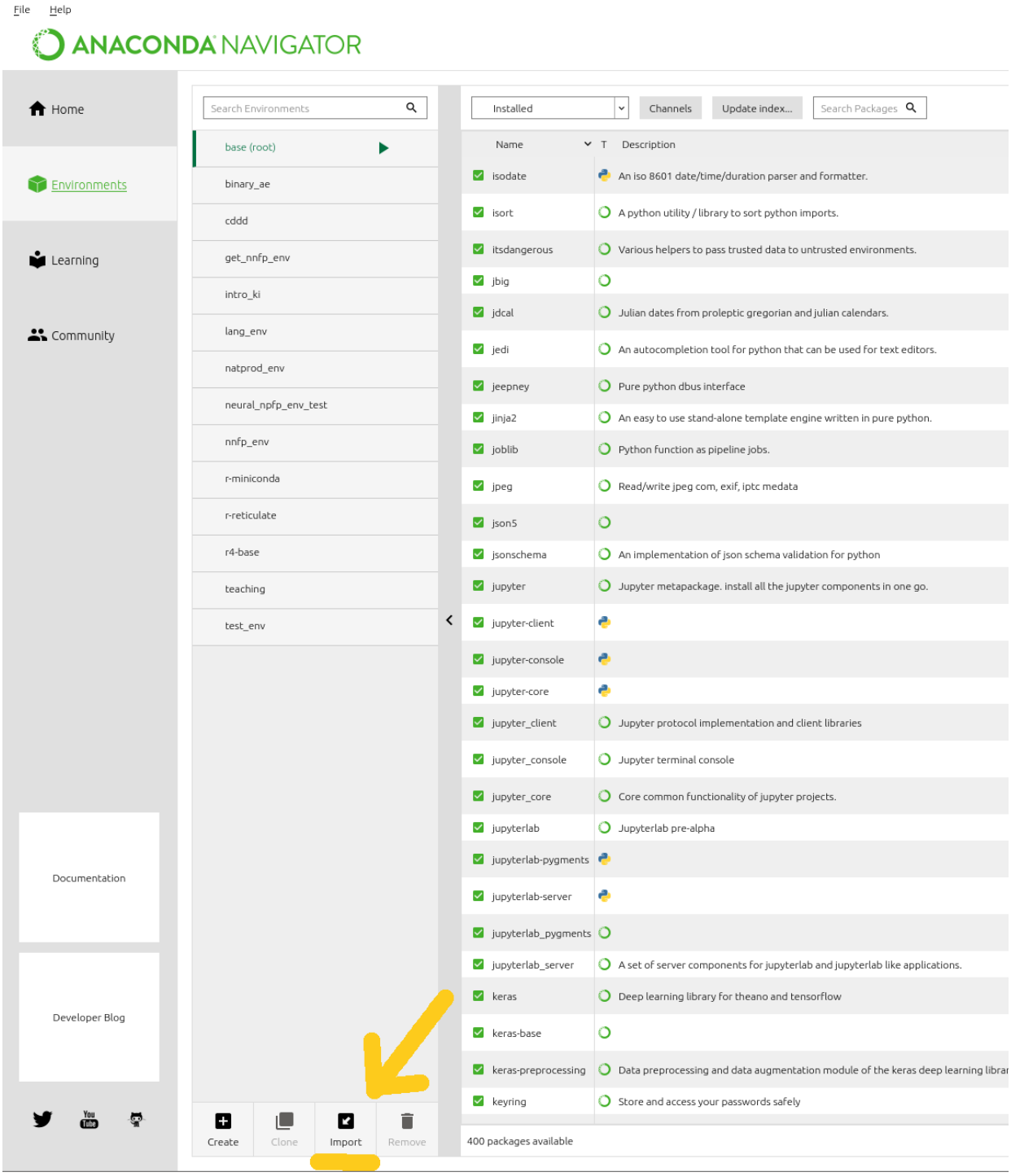
   The Navigator should open:



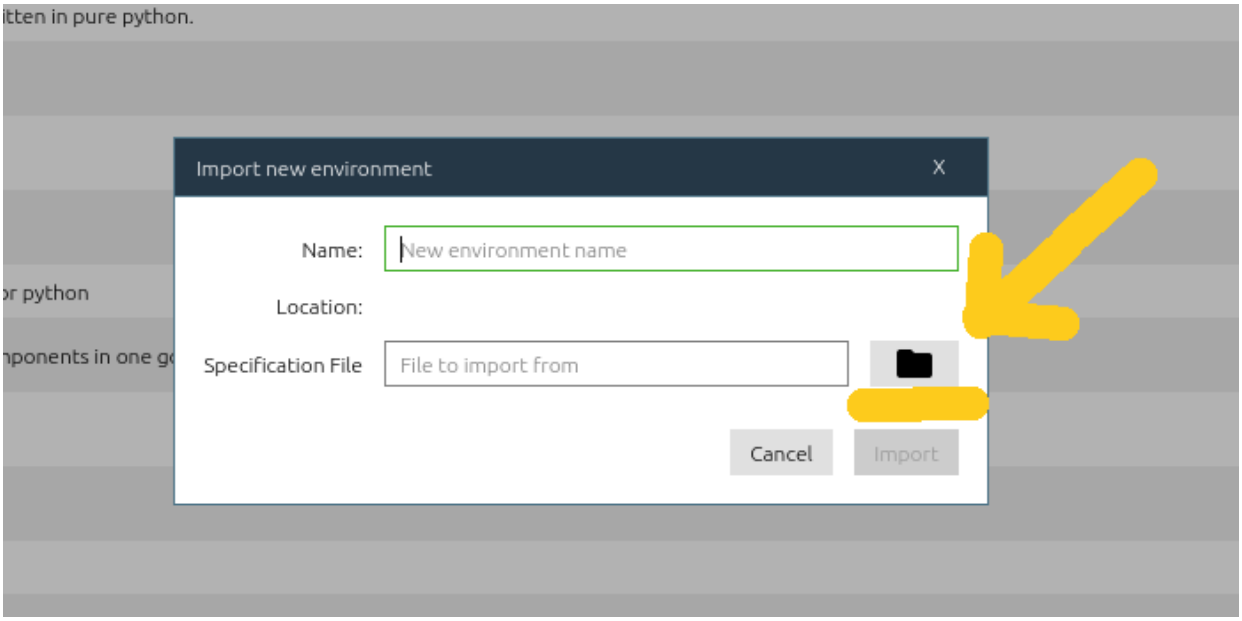
4. In the Navigator, switch to the "Environments" tab by clicking on it.



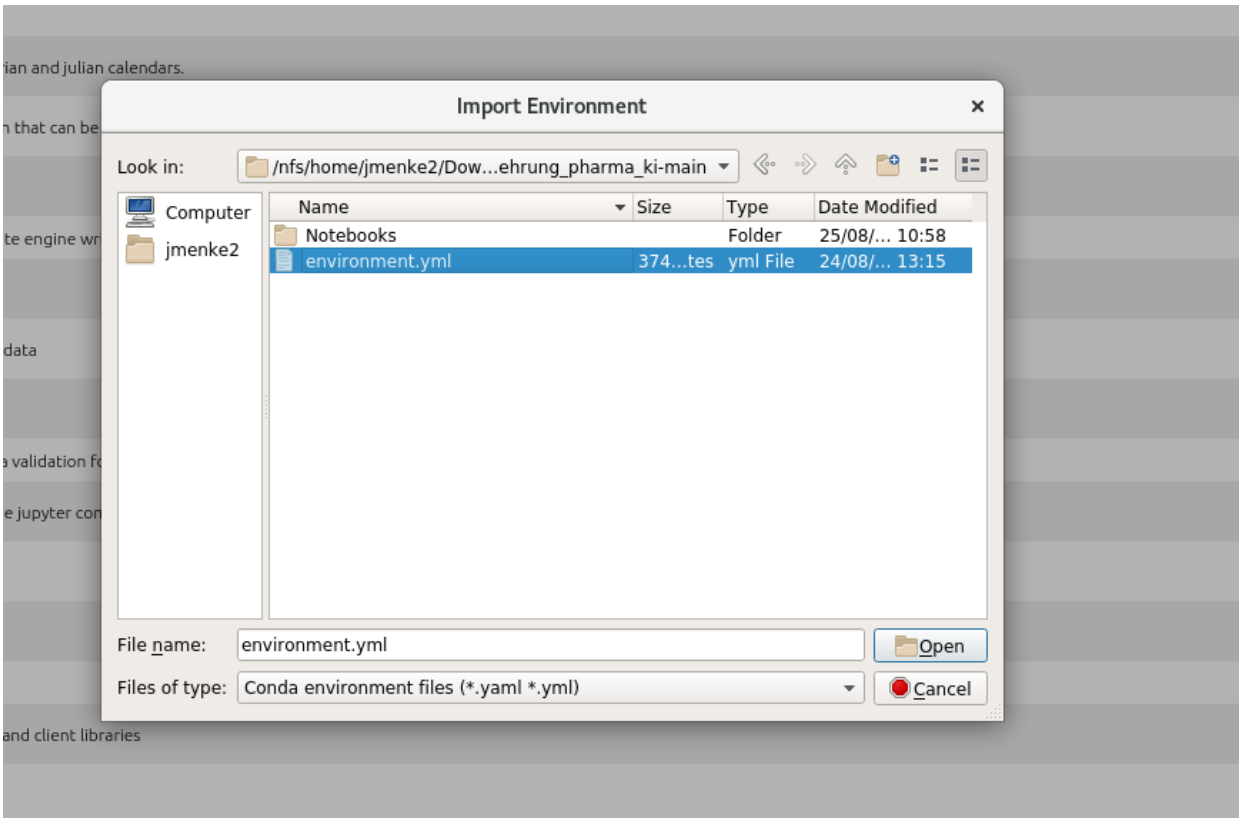
5. Click on "Import" in the bottom.



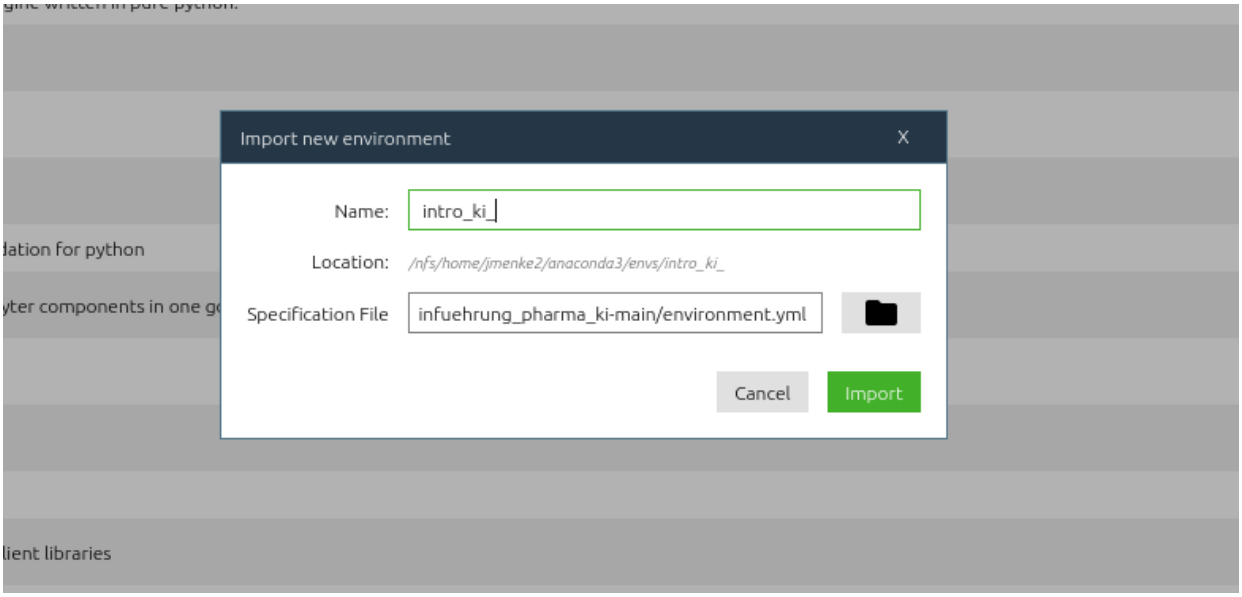
6. A new window shoud open, where you can click on the small folder button.



7. Navigate to the folder `intro_pharma_ai-main` which you downloaded from GitHub. From within this folder you select the `environment.yml` file and click on "Open"



8. Lastly, click on the green "Import" Button

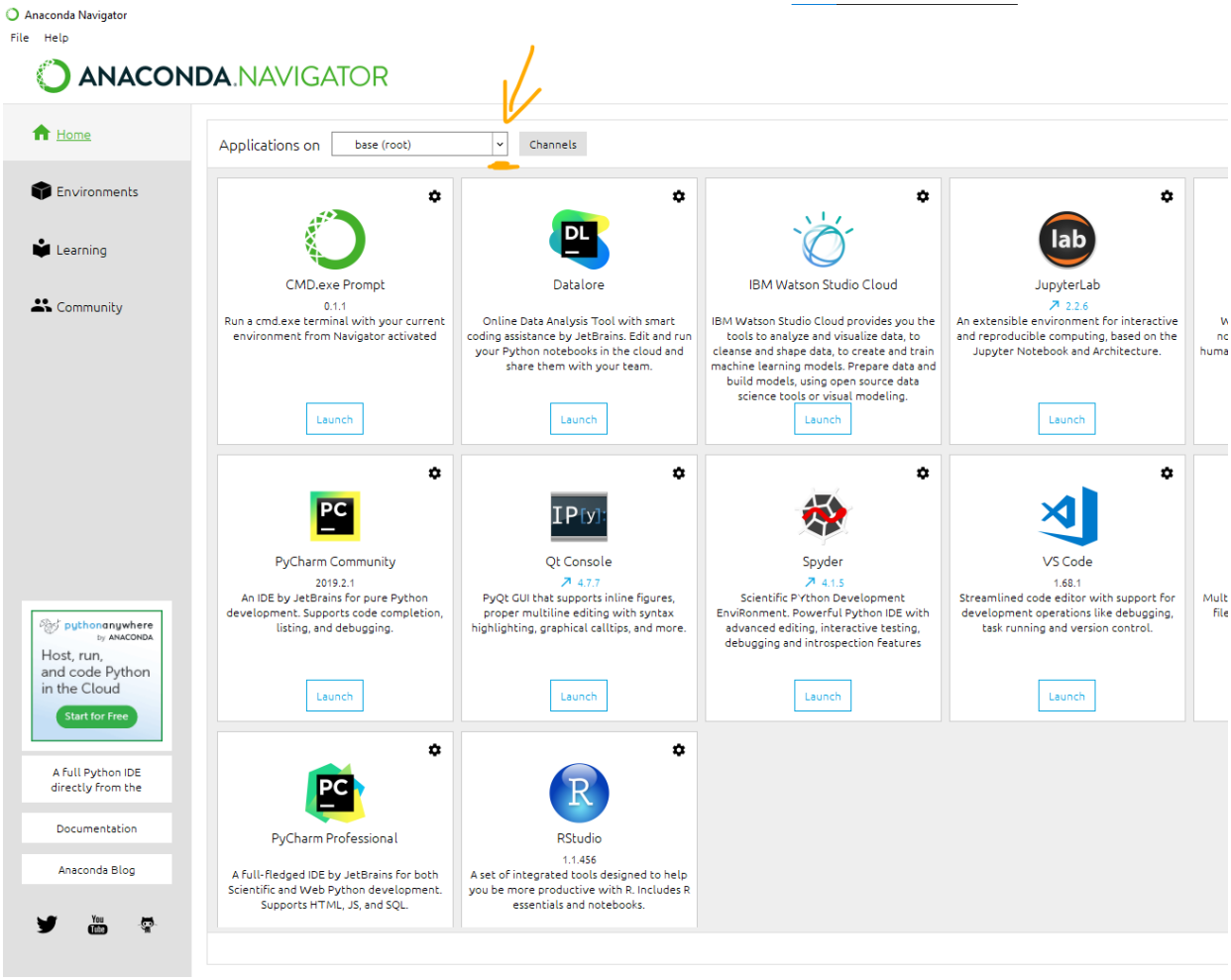


The Installation of `intro_ai` should begin. This may take a while. (The image shows an old name of the environment)

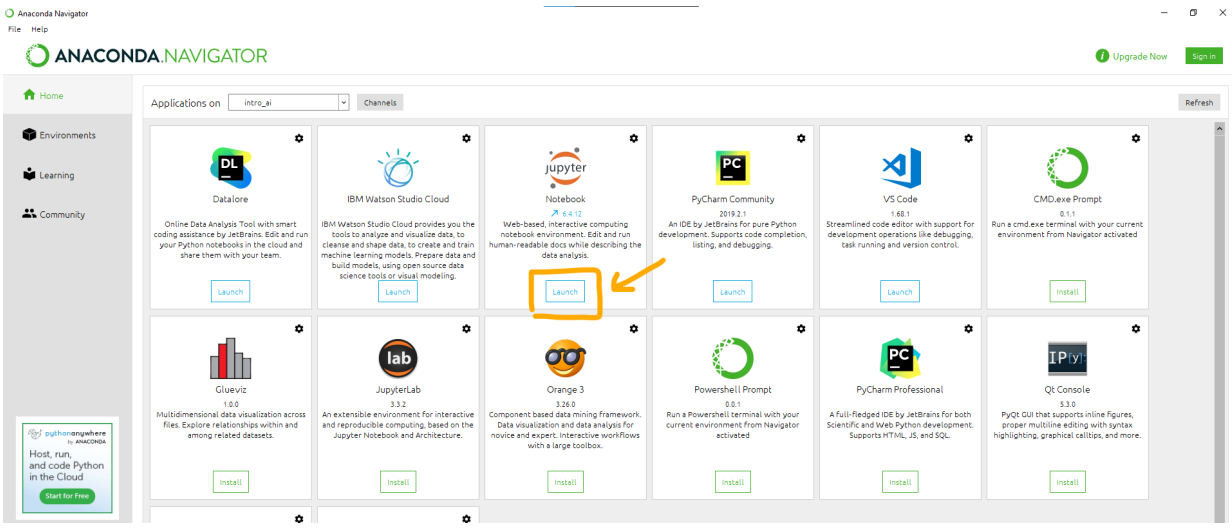
Opening a Notebook

In order to use open and use on of the Jupyter Notebook, you have to first switch to the newly installed environment, then open Jupyter and lastly open the Notebook from within Jupyter.

1. Switch the environment to `intro_ai` by opening the dropdown menu highlighted in the image below. From here select `intro_ai`. This will switch to the selected environment (may take a minute)



2. Now click on the "Launch" Button for "Jupyter Notebooks"



This will open a new tab in your Browser. This new tab is Jupyter "Application".

3. In the Browser Tab you can navigate to the location of the downloaded `intro_pharma_ai-main`

4. Within the reposisotry you can open a specific notebook by clicking on it. This will open another tab in the brower from which you can interact with the notebook.