

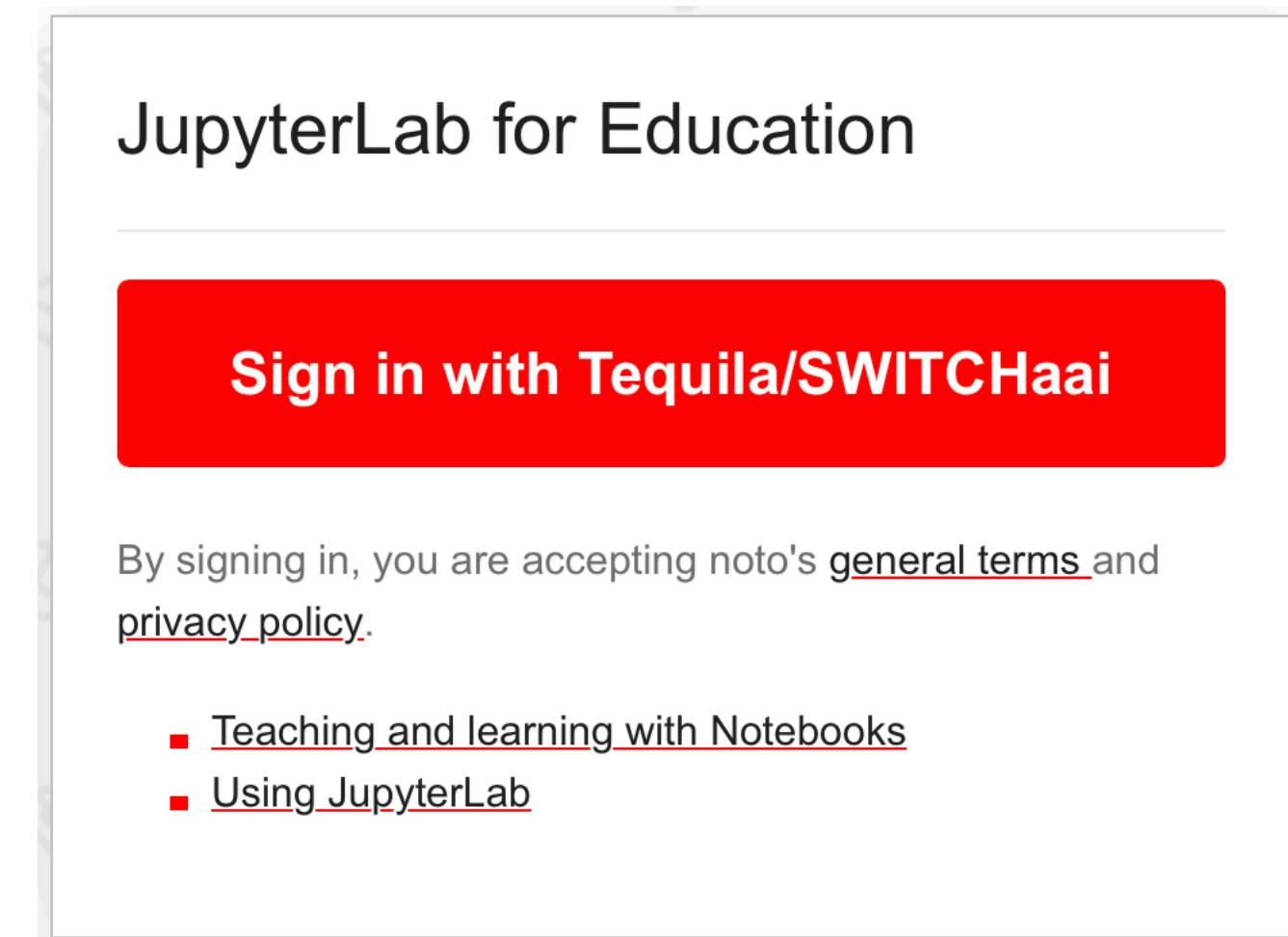
# Creating a new environment in Noto

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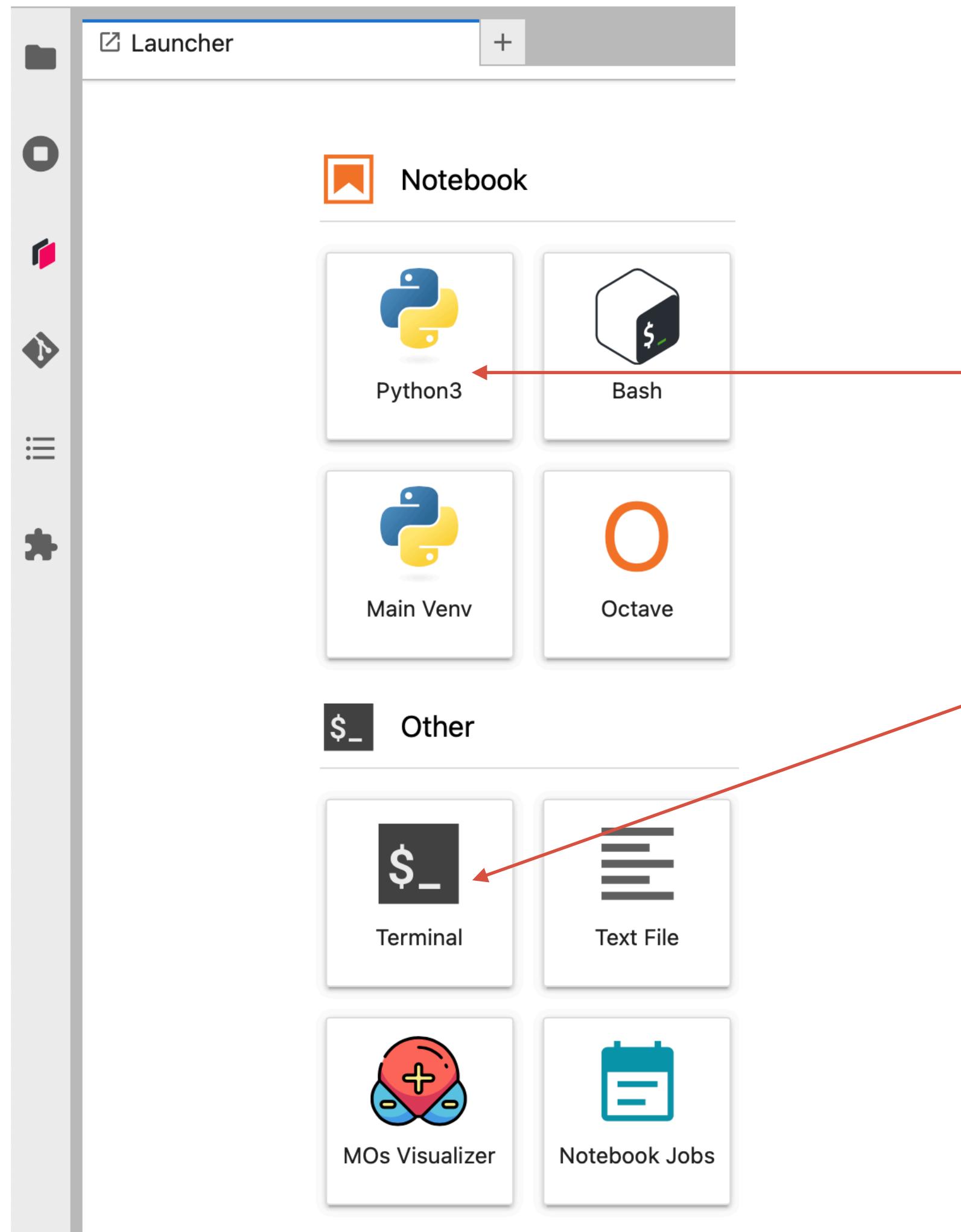
Go to

<https://noto.epfl.ch/>

Login with your Tequila/SWITCHaai

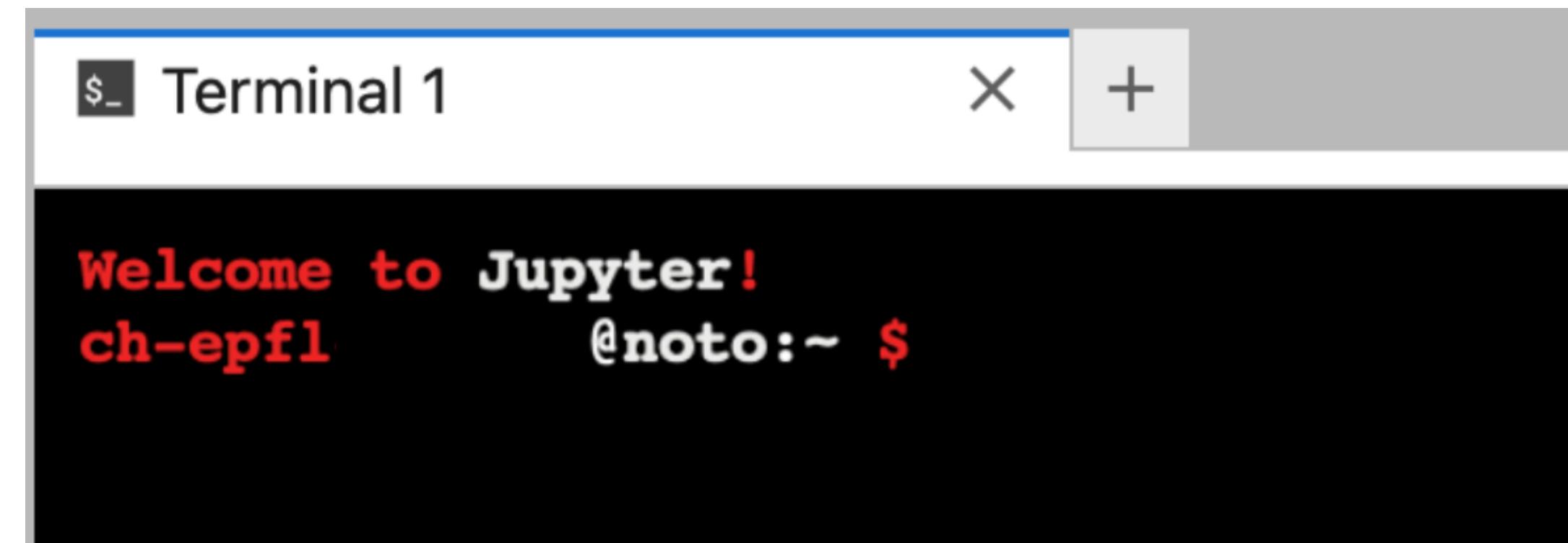


# You will see a launcher with different applications



Now you will only need  
**Python3 Notebook** and  
**Terminal**

Through Terminal you can communicate with the computer by writing commands



To create an environment (which later will be used for running your practice notebook), you need to run the next commands one after another in a command line (replace words in braces with the names that you want to have):

- *my\_venvs\_create [name\_of\_your\_env]*

(creates an environment)

```
$ my_venvs_create env_ee559
```

- *my\_venvs\_activate [name\_of\_your\_env]*

(activates your created environment)

```
$ my_venvs_activate env_ee559
```

- *my\_kernels\_create [name\_of\_your\_env] [Name of your Kernel]*

(creates a kernel for Python notebook related to the previously created environment. The name of the env in the command line before \$ identifies that the env is activated )

(env\_ee559)

```
@note:~ $ my_kernels_create env_ee559 EE-559
```

To install packages necessary for the Practice\_1.ipynb, you need to run the next command in a command line (before running, make sure that your environment is activated):

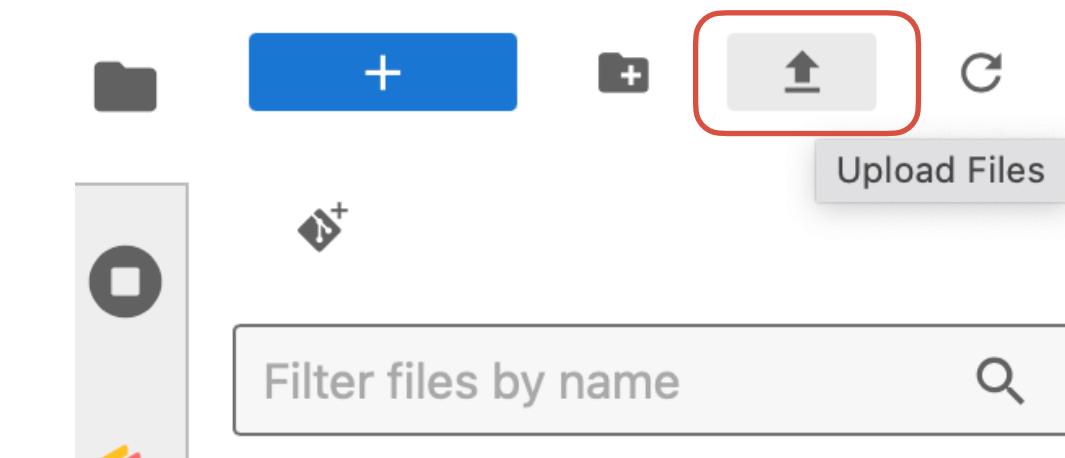
- *pip install torchsummary*

(env\_ee559)

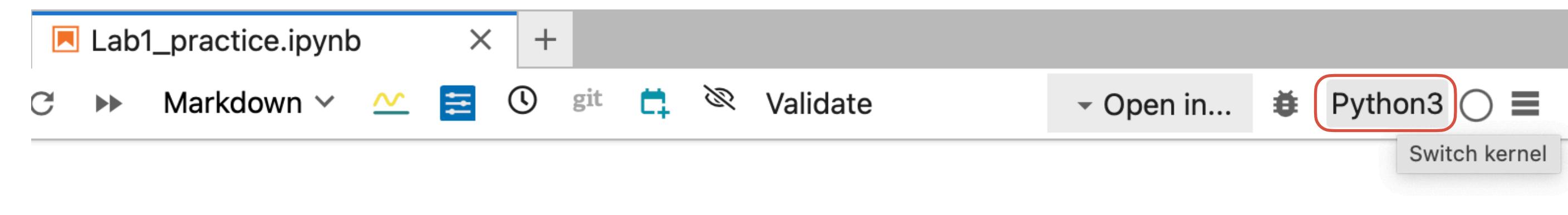
```
@note:~ $ pip install torchsummary
```

Now you have created a kernel and can start working on the Practice notebook. Refresh the Noto page.

Upload Practice\_1.ipynb notebook to Noto and open it



In the top right corner press on the *Switch kernel* button



From the list of kernels chose the one you have just created

Select Kernel

Select kernel for: "Lab1\_practice.ipynb"

EE-559

Always start the preferred kernel

Cancel

Select

# You are now ready to start working on the exercises!

For more information about the Noto environment and libraries, please follow the link:

[https://noto.epfl.ch/user-redirect/lab/tree/Documentation/11\\_Tutorial\\_Envs.ipynb](https://noto.epfl.ch/user-redirect/lab/tree/Documentation/11_Tutorial_Envs.ipynb)

# Summary:

To install the missing libraries you need to follow the guidelines:

- Create a new env:
  - `my_venvs_create [name_of_your_env]`
  - `my_venvs_activate [name_of_your_env]`
  - `my_kernels_create [name_of_your_env] "[Name of your Kernel]"`
- Install package `torchsummary`:
  - `pip install torchsummary`
- Refresh the Noto page
- Go to your `Practice_1.ipynb` notebook. Choose kernel from Menu -> Kernel -> Change Kernel -> [Name of your Kernel]
- Restart kernel in Menu -> Kernel -> Restart kernel
- If you want to deactivate the env:
  - `my_venvs_deactivate`

More on Noto environment and libraries tutorial: [https://noto.epfl.ch/user-redirect/lab/tree/Documentation/11\\_Tutorial\\_Envs.ipynb](https://noto.epfl.ch/user-redirect/lab/tree/Documentation/11_Tutorial_Envs.ipynb)