Intro to Jupyterlab

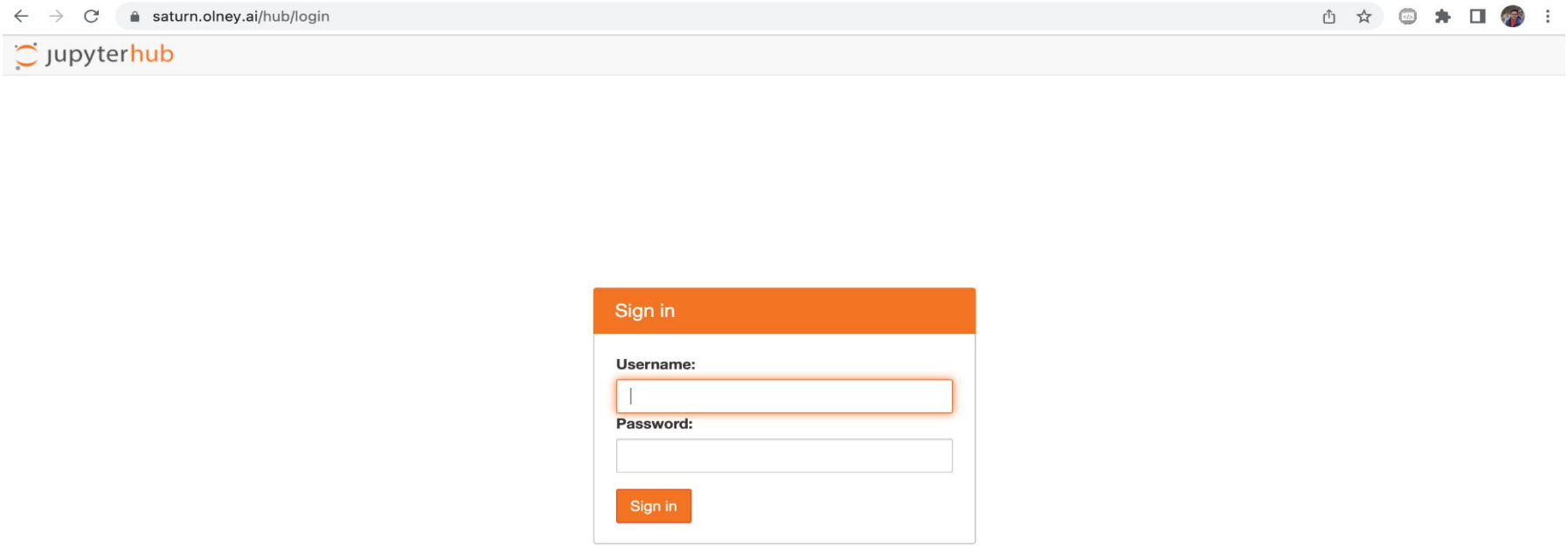
A guide to the jupyterlab user interface

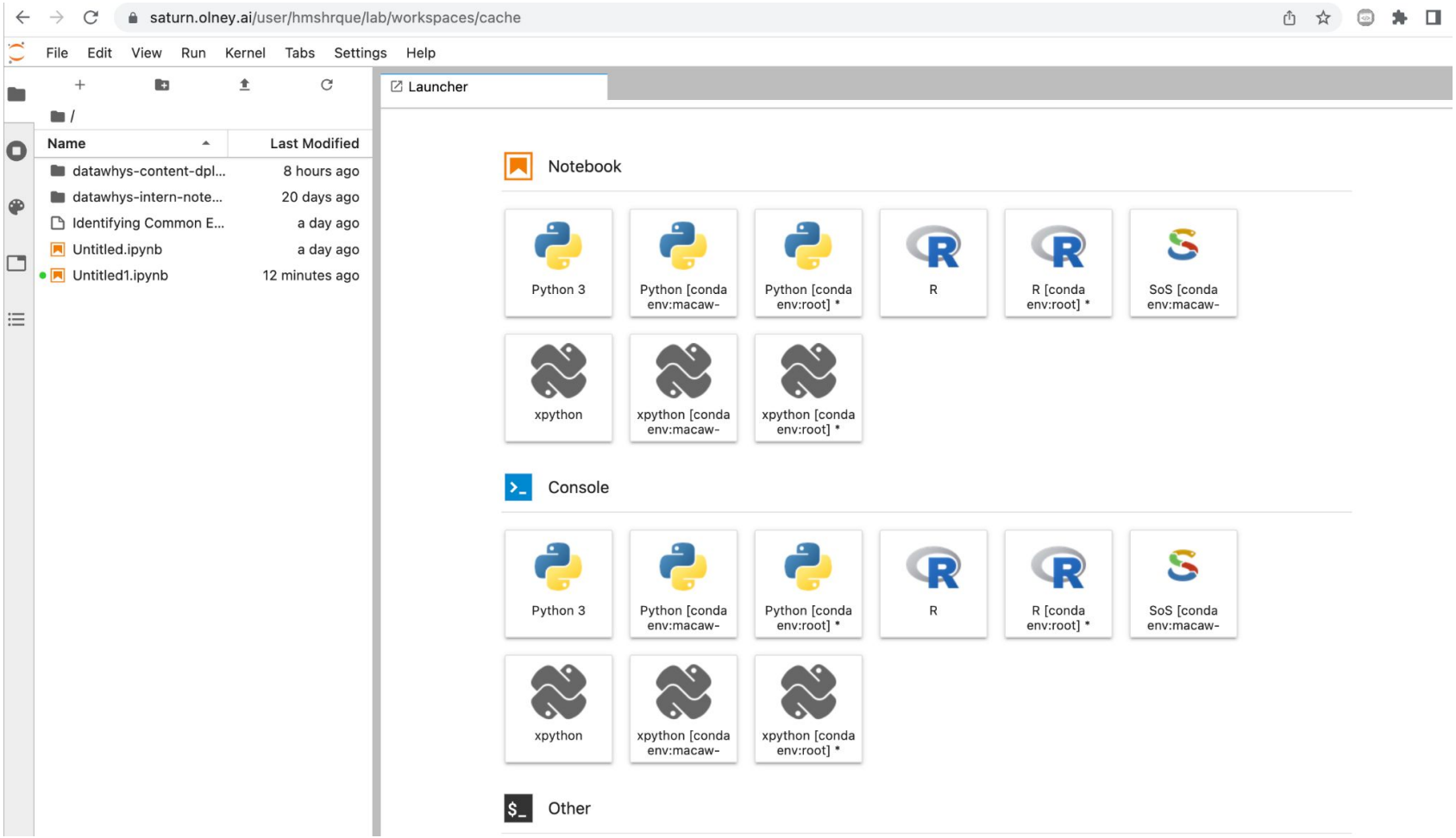
Objectives :

- Learn about the Jupyterlab environment
- Practice basic tasks in Jupyterlab

Login to Jupyterlab

- Logging In to jupyterlab at **saturn.olney.ai**

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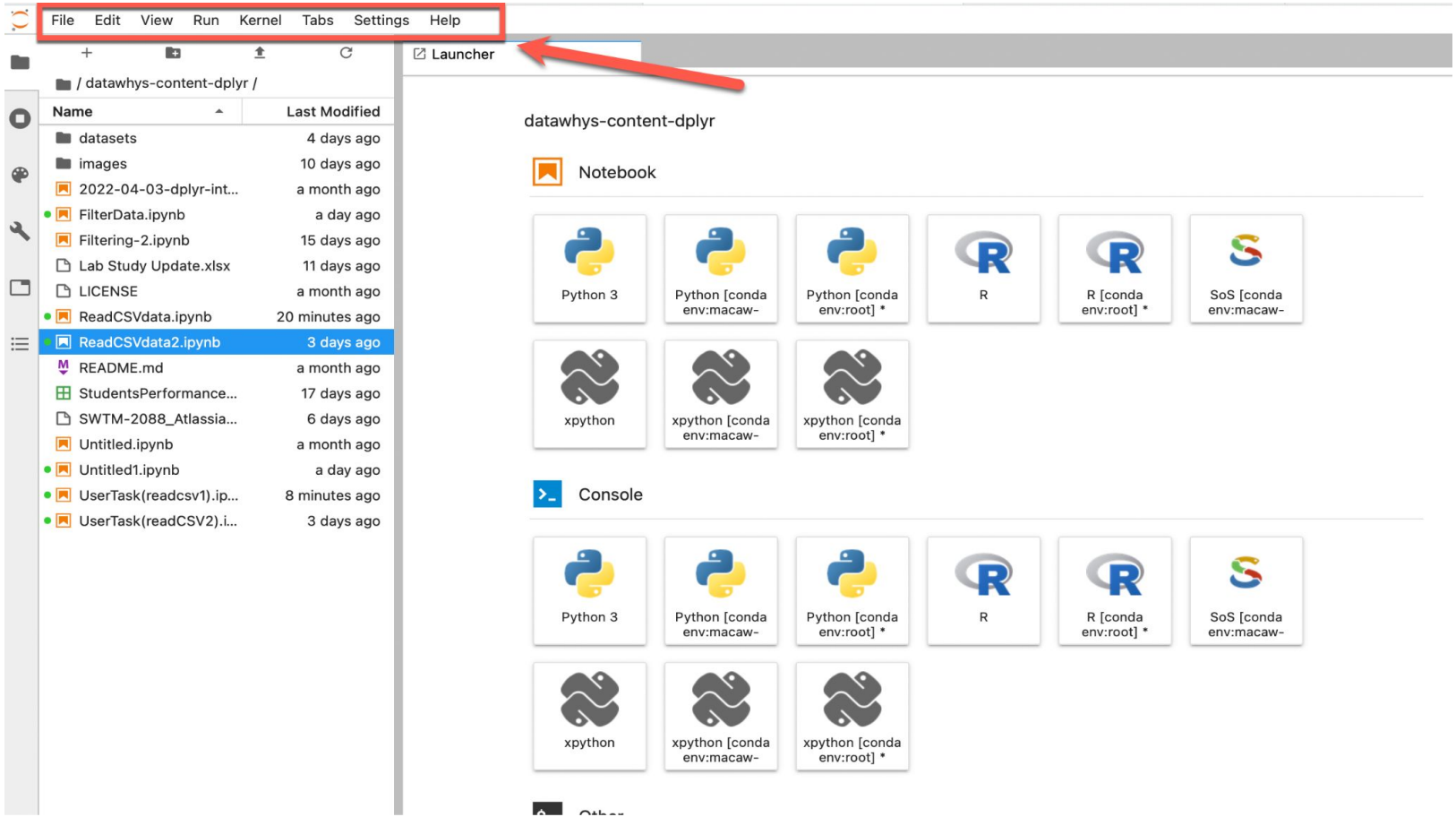
Other

The Menu Bar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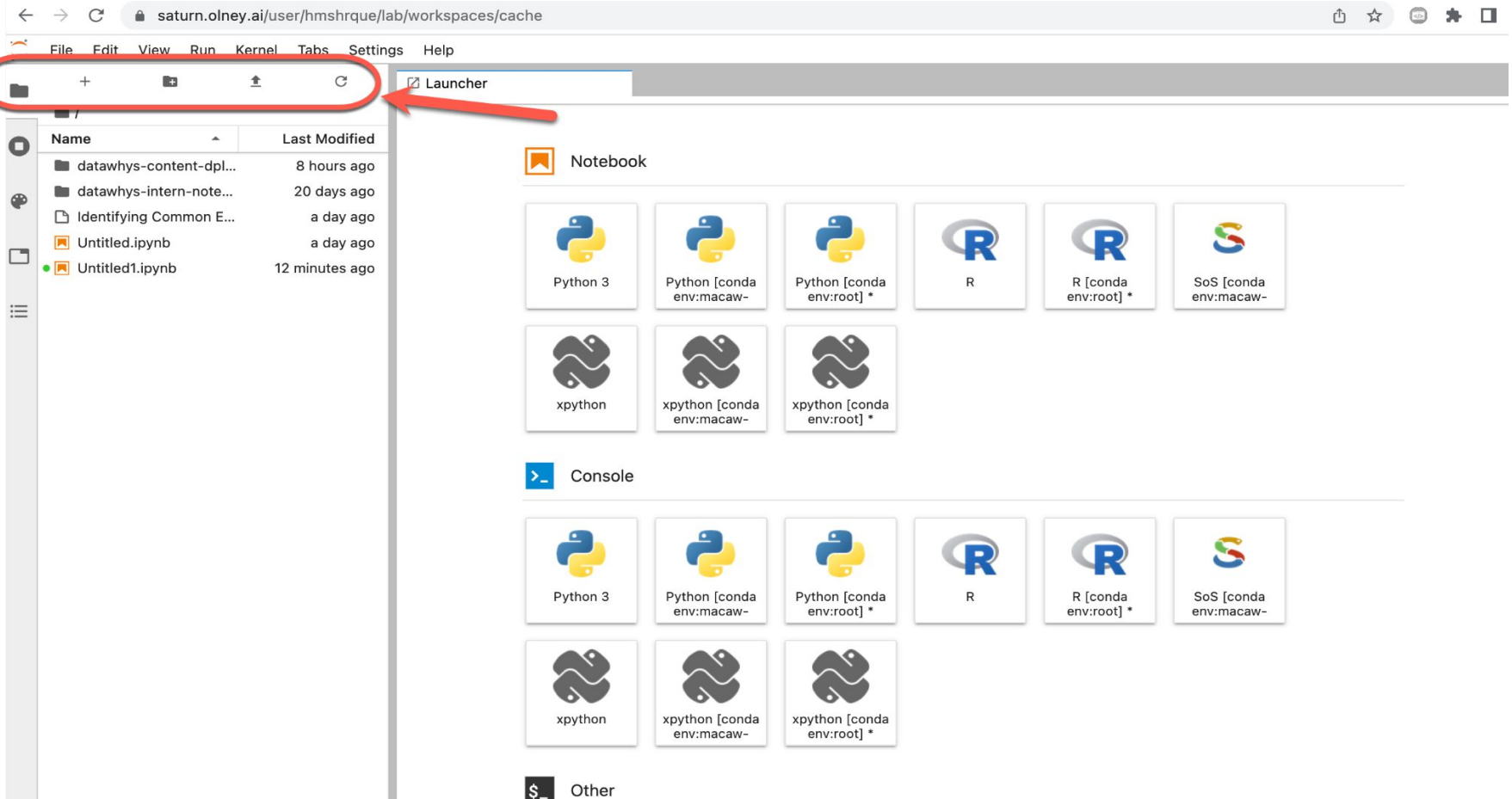
The toolbar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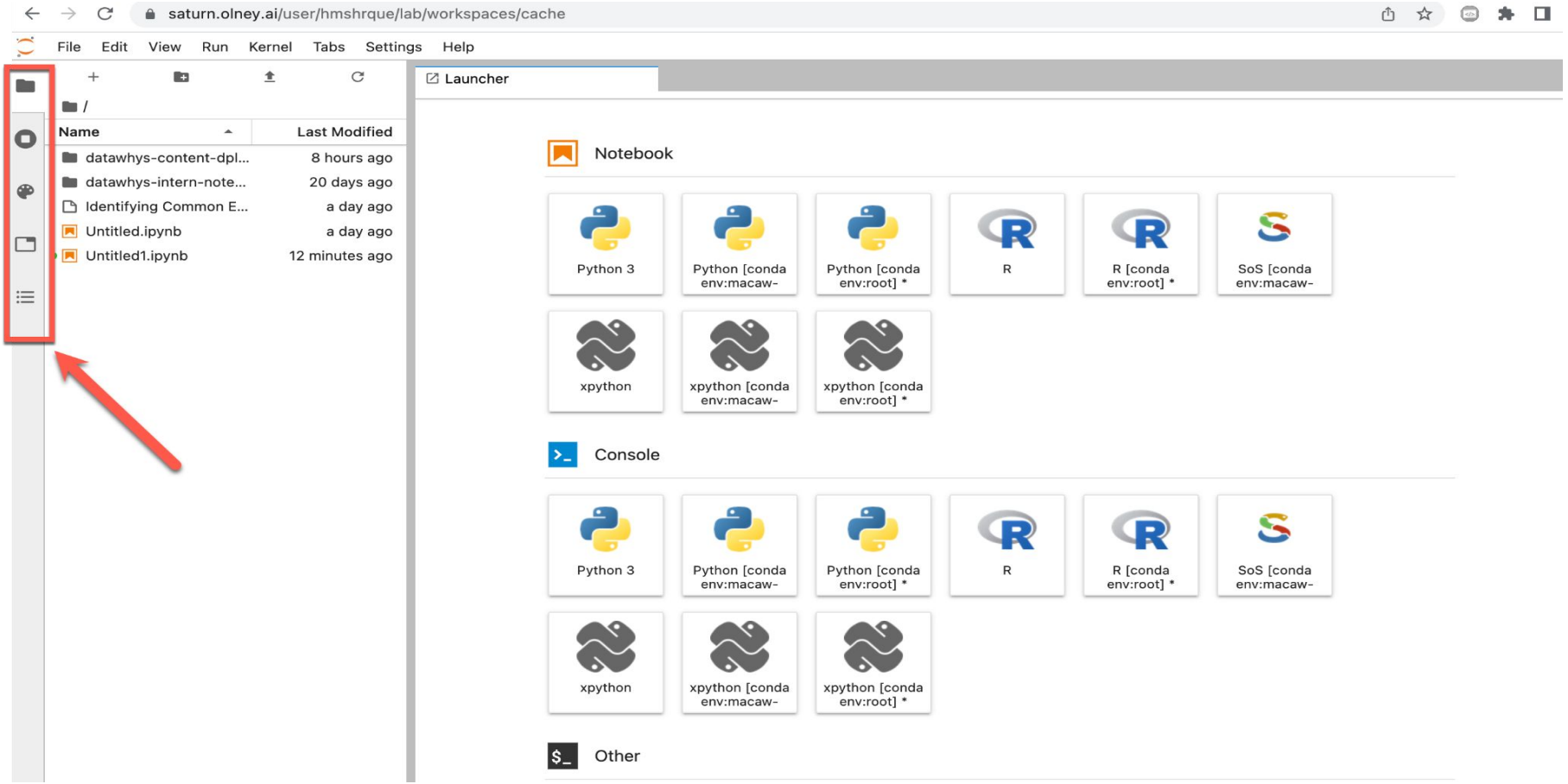
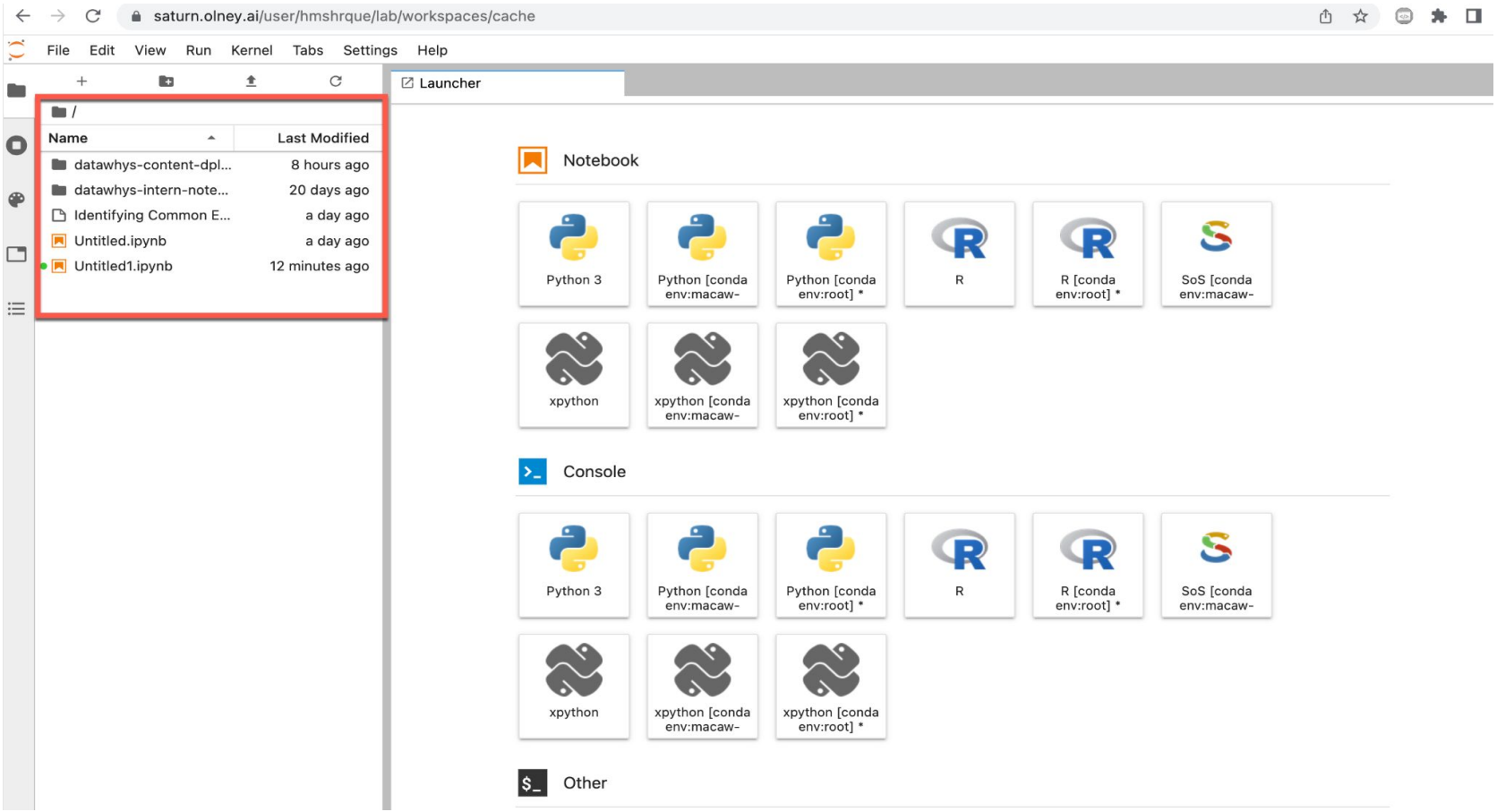
Other

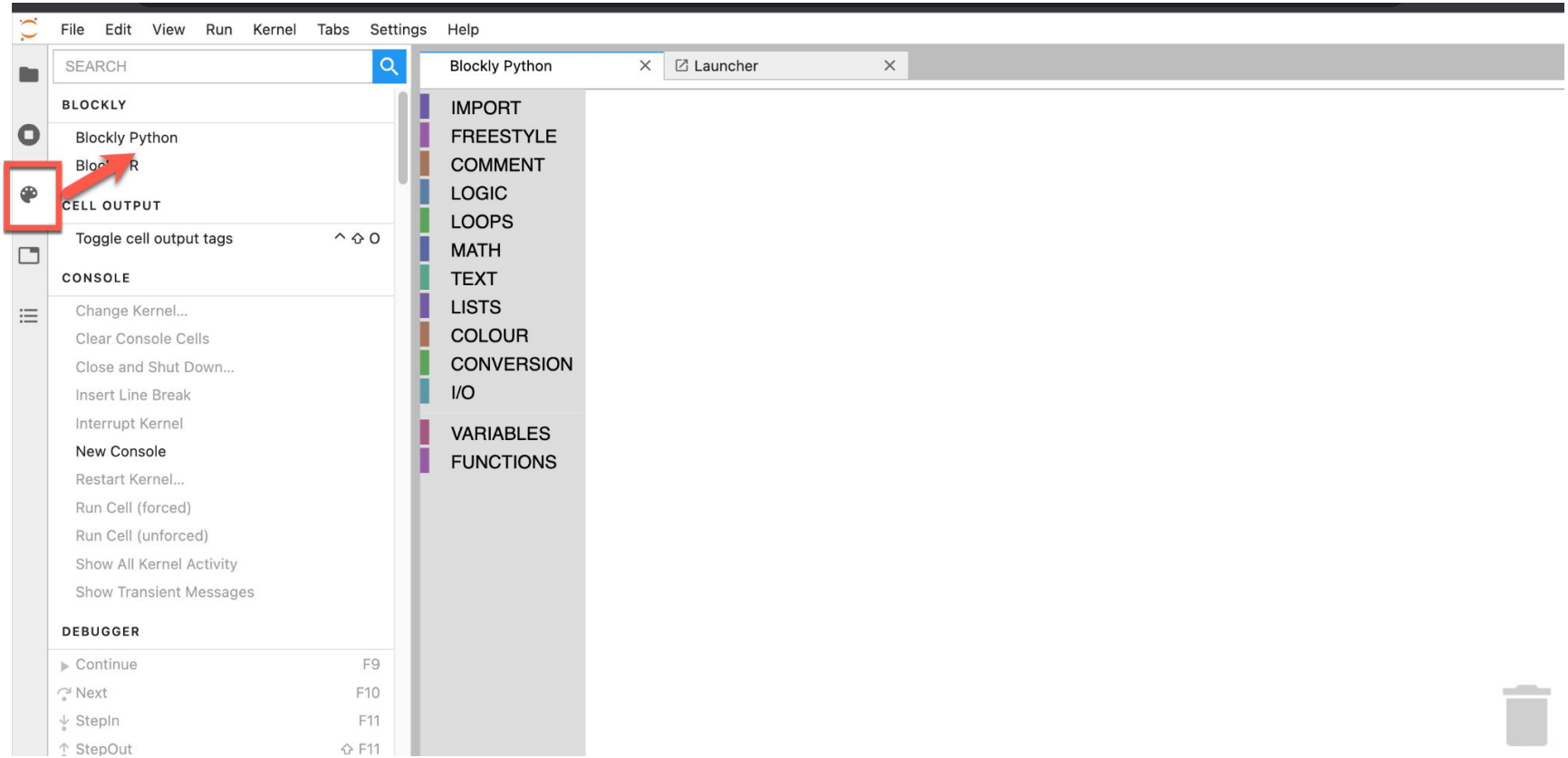
The Left Panel(side bar)



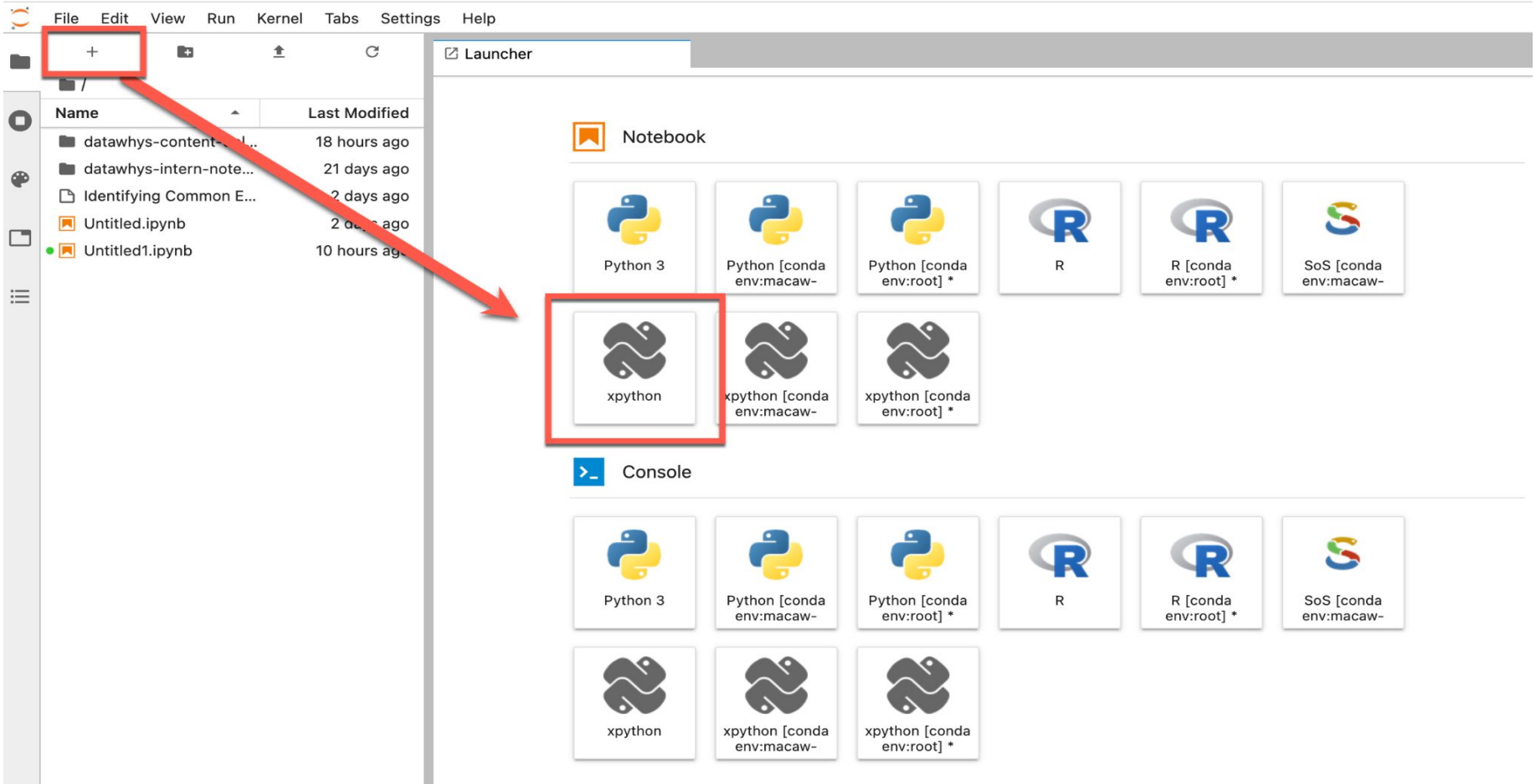
Folder Structure in Jupyterlab



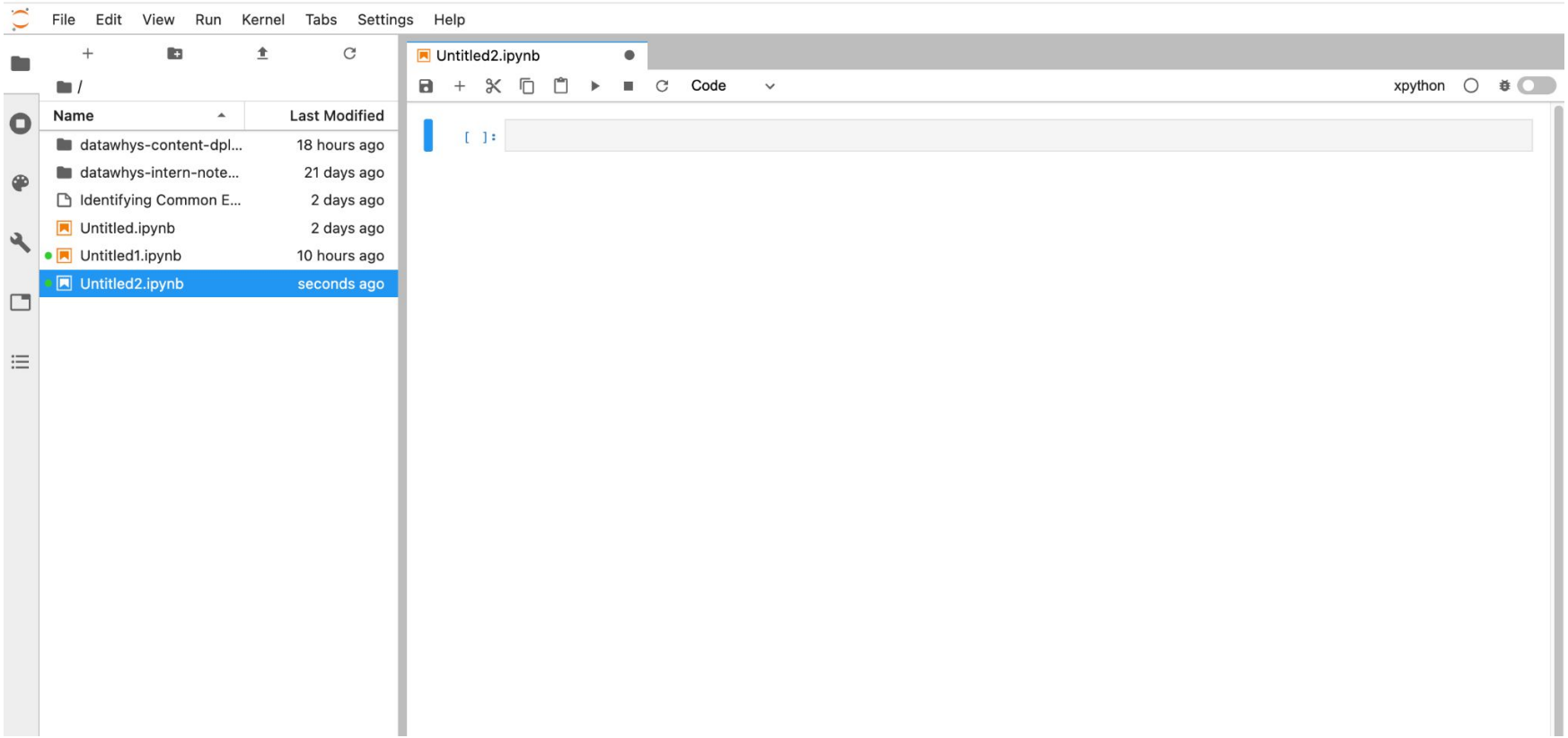
The Blockly Palette



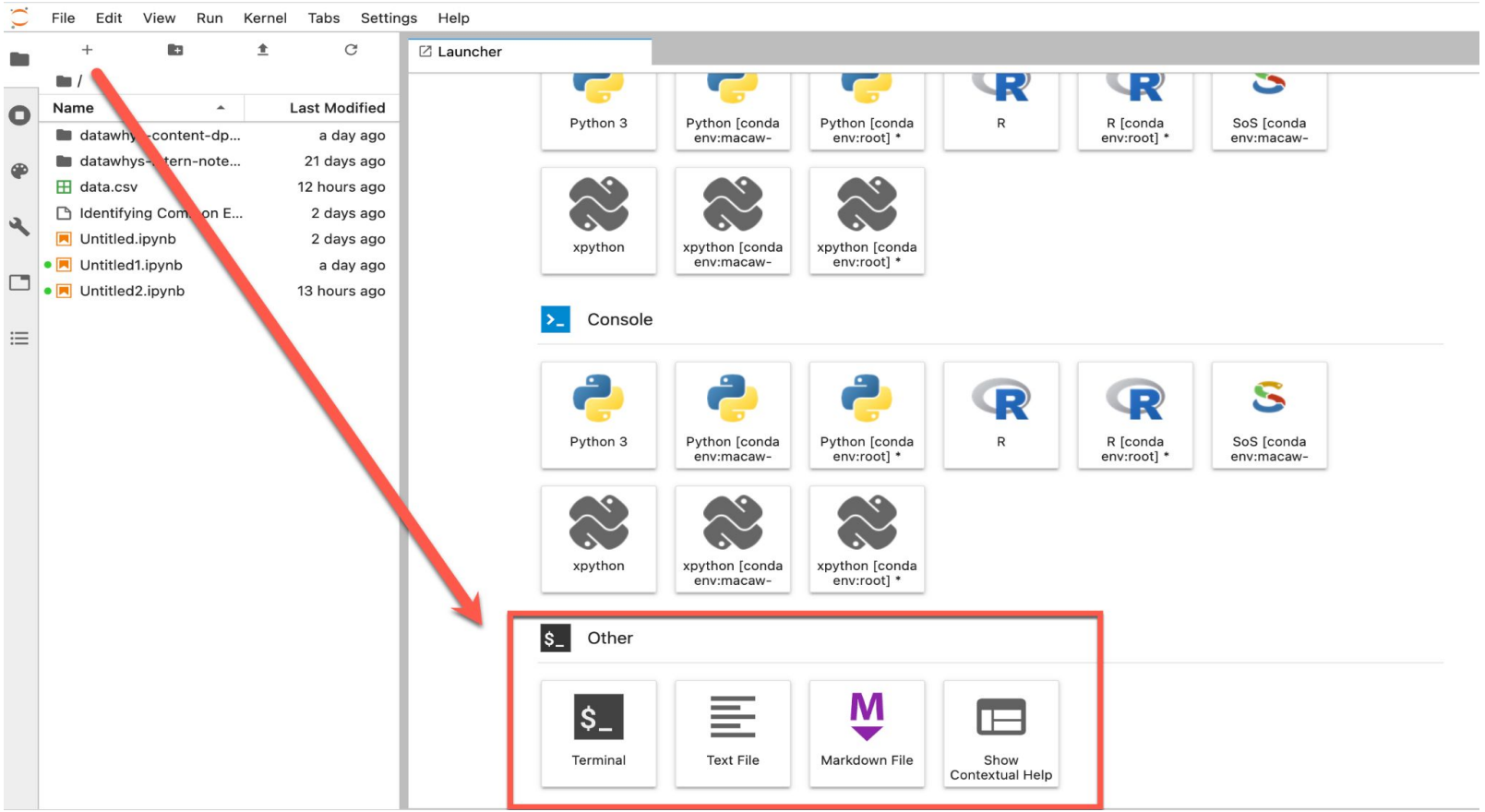
Opening python file from launcher (1)



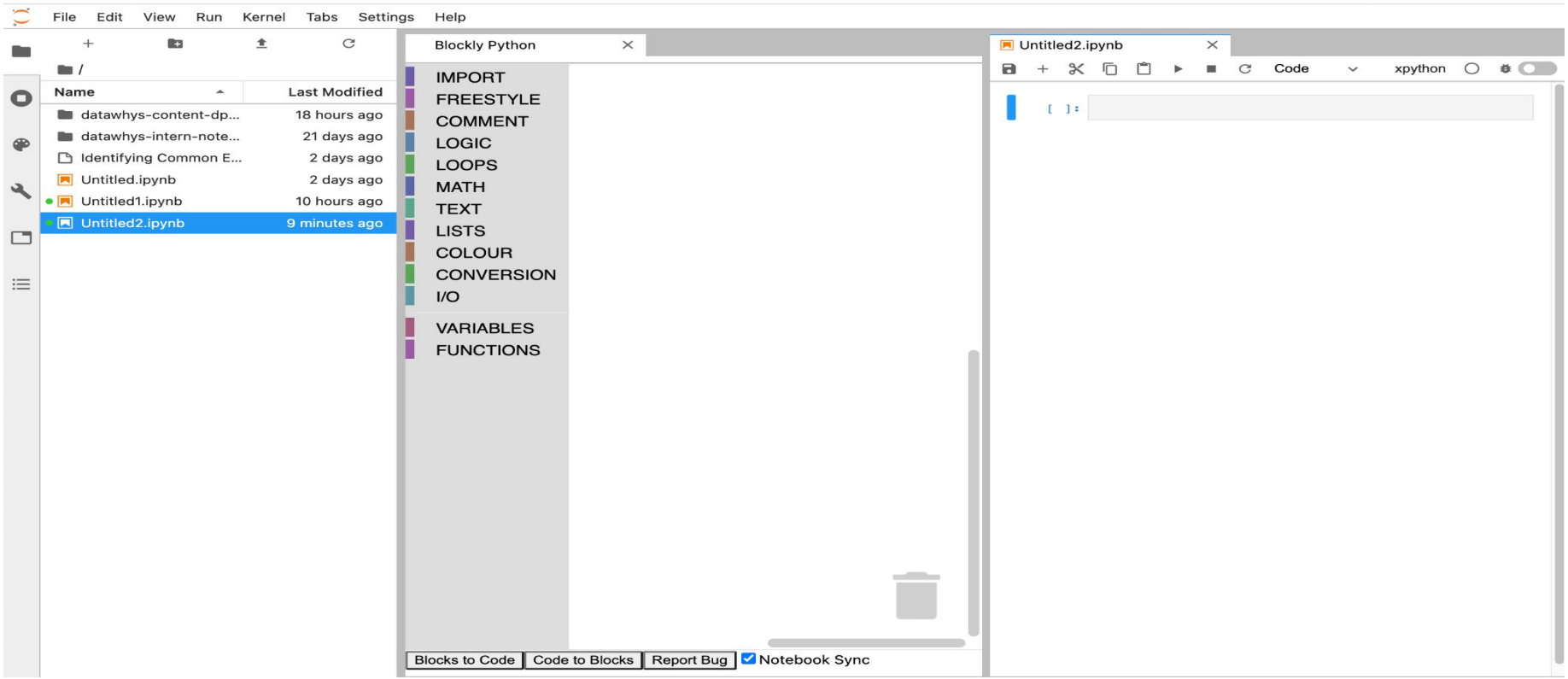
Opening python file from launcher(2)



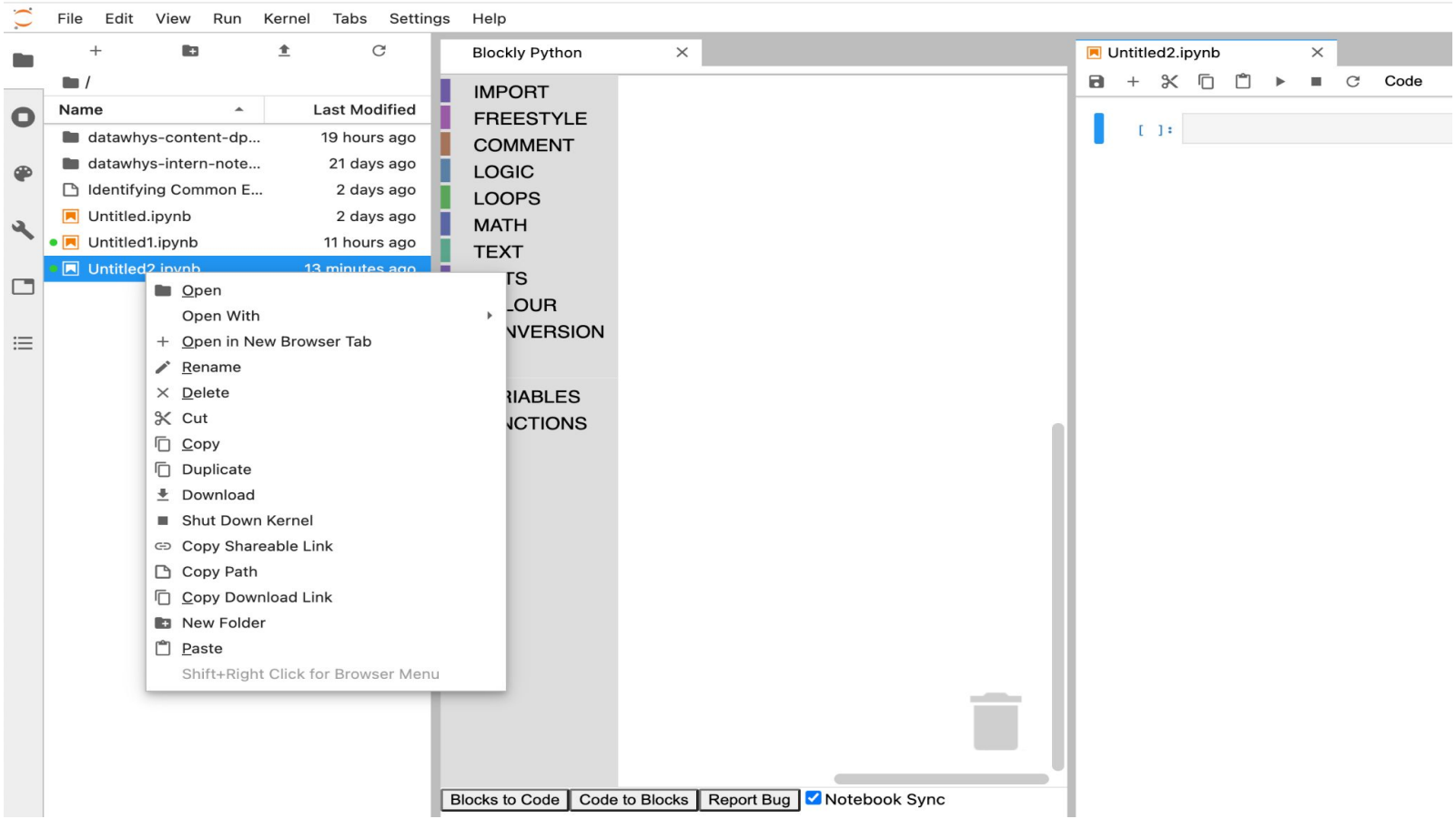
Opening other file types



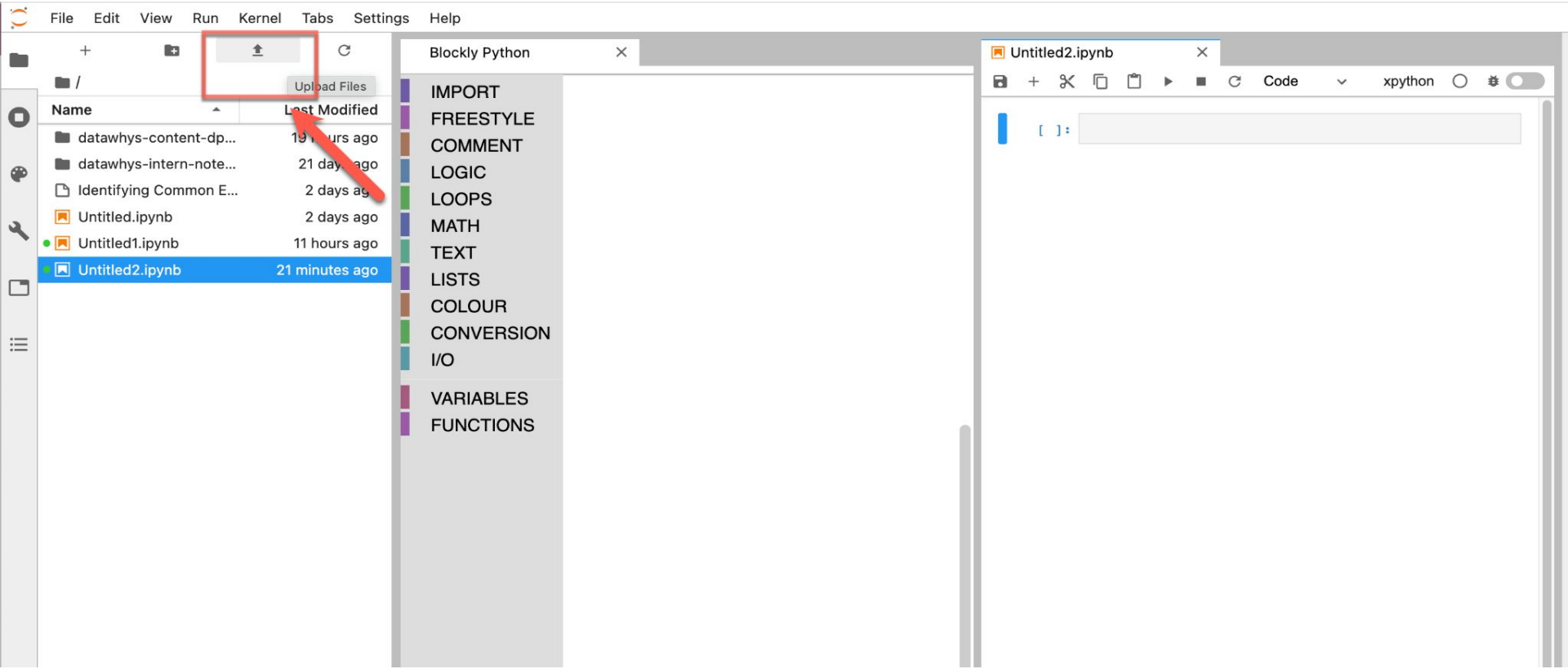
Viewing blockly and python file side by side



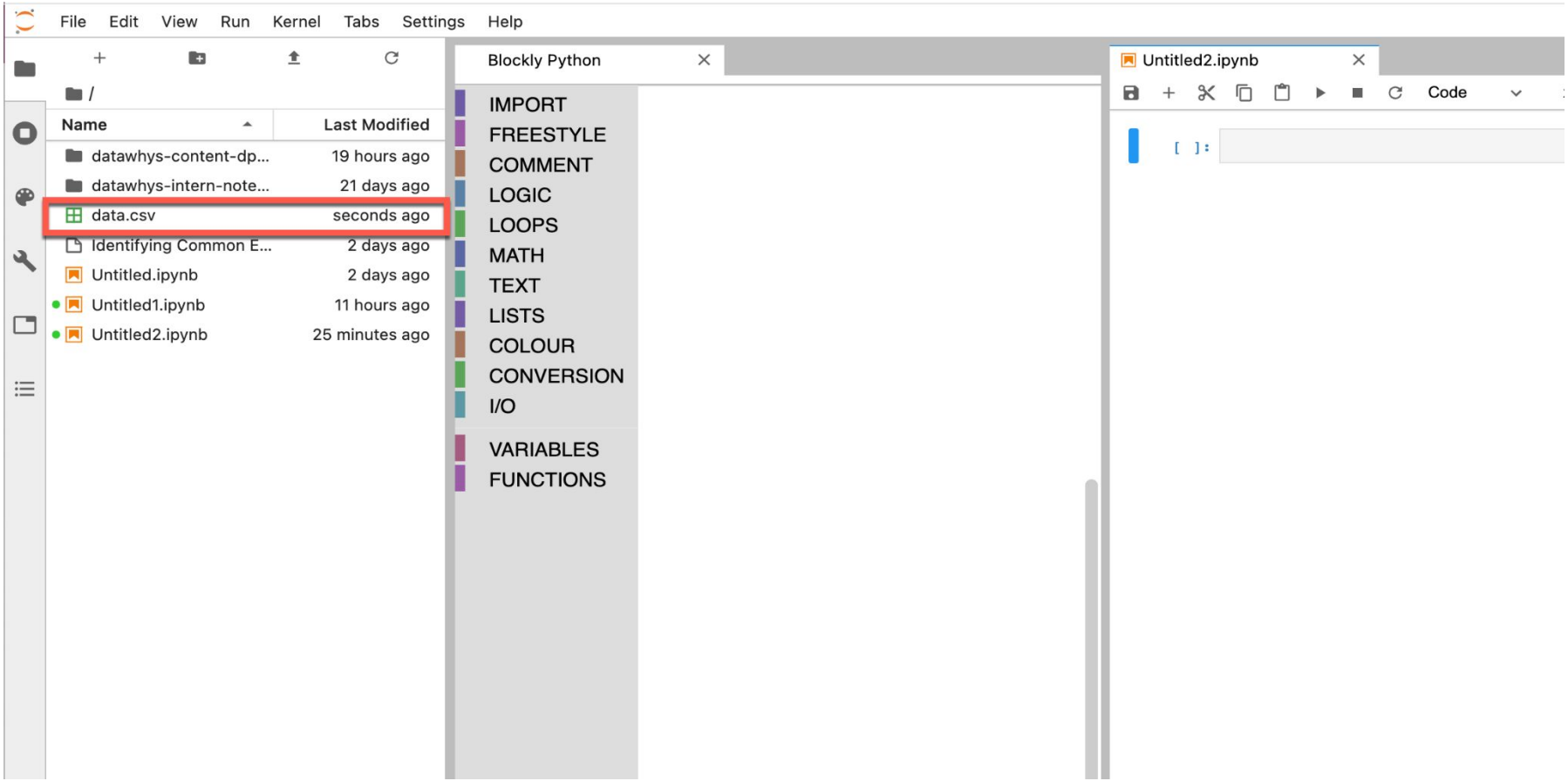
File Operations



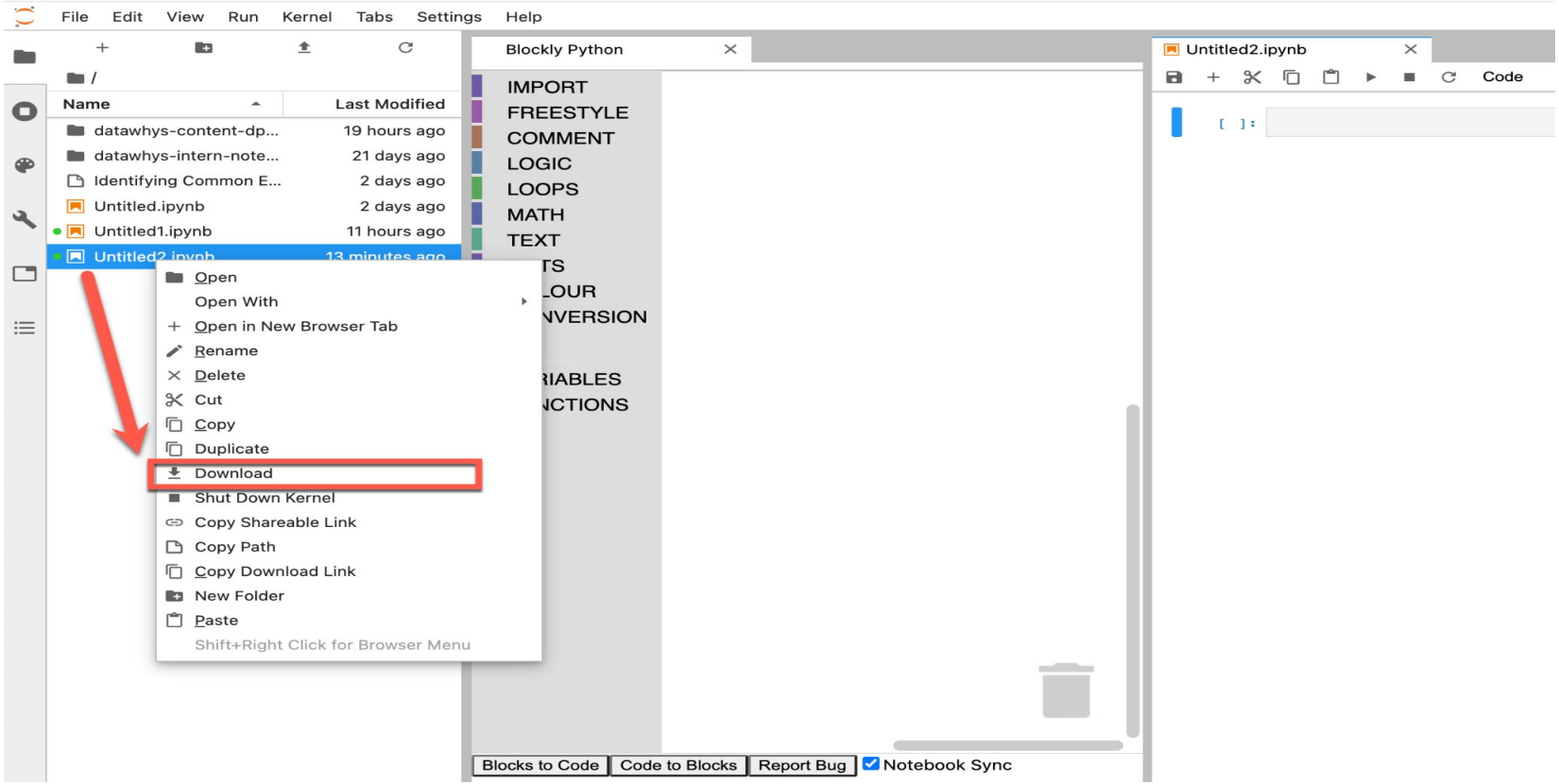
Uploading a file in Jupyterlab (1)



Uploading a file in Jupyterlab (2)



Downloading a file from Jupyterlab



Practice Tasks:

- Login into the Jupyterlab system (wd username and password.)
- Go to “Intro to Jupyterlab” folder
- There should be test.ipynb file
- Rename that file “testrenamed.ipynb”
- Open a xpython file from launcher and name it “createfile.ipynb”
- Open a block palette from the side panel
- View the blocks and “createfile.ipynb” file side by side
- Download the “createfile.ipynb” file
- Rename the downloaded file “upload.ipynb”
- Upload the ‘upload.ipynb’ file to jupyterlab
- Delete file “testrenamed.ipynb”
- Check which files are open from the ‘Kernel’ tab

Self Practice:

- Login into the Jupyterlab system (wd username and password.)
- Go to “Intro to Jupyterlab” folder
- There should be newtest.ipynb file
- Rename that file “newtestrenamed.ipynb”
- Open a xpython file from launcher and name it “createfile.ipynb”
- Open a block palette from the side panel
- View the blocks and “createfile.ipynb” file side by side
- Download the “createfile.ipynb” file
- Rename the downloaded file “upload.ipynb”
- Upload the ‘upload.ipynb’ file to jupyterlab
- Delete the “newtestrenamed.ipynb” file
- Check which files are open from the ‘Kernel’ tab