

How to use JupyterHub?

- Go to <https://jupyter.cs.aalto.fi/>
- Login with your Aalto username

Sign in

Username:

Password:

Sign In

- Select server option "CS-EJ3211: Machine Learning with Python 2023"

○ CS-EJ3211 Machine learning with Python (2023) 5.0.22

- Go to "Assignments" tab and fetch available assignment (jupyter notebook).

The screenshot shows the JupyterHub interface. At the top left is the JupyterHub logo. At the top right are "Logout" and "Control Panel" buttons. Below the logo is a navigation bar with tabs for "Files", "Running", "Clusters", "Formgrader", and "Assignments". The "Assignments" tab is active. Below the navigation bar, there is a dropdown menu for "Released, downloaded, and submitted assignments for course:" with "mlpython2023a" selected. Below this, there are three sections: "Released assignments" with a table showing one assignment "0_Intro" for "mlpython2023a" and a "Fetch" button; "Downloaded assignments" with the message "There are no downloaded assignments."; and "Submitted assignments" with the message "There are no submitted assignments.".

jupyterhub

Logout Control Panel

Files Running Clusters Formgrader Assignments

Released, downloaded, and submitted assignments for course: mlpthon2023a

Released assignments

0_Intro	mlpython2023a	Fetch
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Downloaded assignments

There are no downloaded assignments.

Submitted assignments

There are no submitted assignments.

- Now you should see the folder with notebook under the "Files" tab.



Files Running Clusters Formgrader Assignments

Select items to perform actions on them.

0 / notebooks / mpython2023a / 0_Intro

- ..
- solutions
- 0_Intro.ipynb

- Submit ready notebook at "Assignments" tab by clicking on submit button.

Downloaded assignments

R0_Intro mpython2021a Submit

!!! Important!!! Save your work regularly in the case of server crash and before submitting file.

When saving file, make sure that checkpoint timestamp is displayed after clicking on save button:

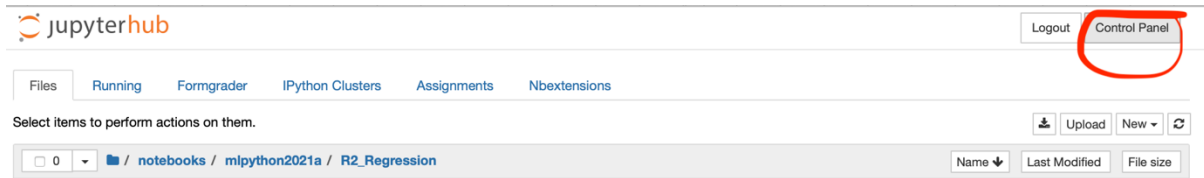
The screenshot shows the JupyterLab interface. The top bar displays "jupyterhub Round_1 Last Checkpoint: a few seconds ago (autosaved)". The left sidebar shows a file browser with "0_Intro.ipynb" selected. The main area shows the notebook content: "CS-EJ3211 Machine Learning with Python" and "Round 1 - Components of Machine Learning". The bottom toolbar contains various icons, including a save icon (floppy disk) which is circled in red. To the right of the toolbar, a status bar shows "Checkpoint created: 12:13:26" and "Not Trusted", both of which are also circled in red. The top right corner has "Logout" and "Control Panel" buttons.

You can submit notebook many times, only last notebook version will be graded.

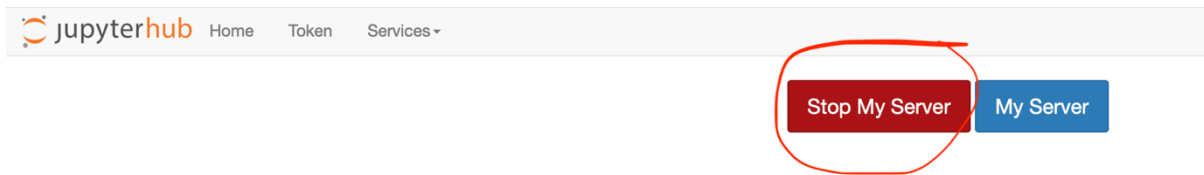
Common questions about JHub

1. "No such file or directory" error, not able to fetch/submit notebooks.

Go to `Control Panel`



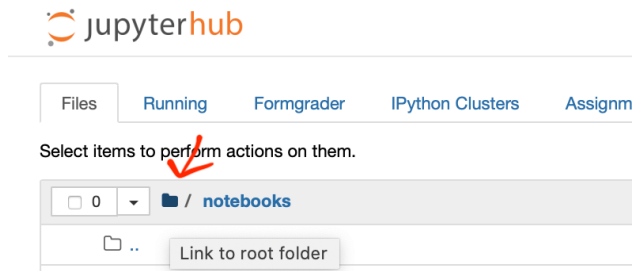
Click on `Stop My Server`



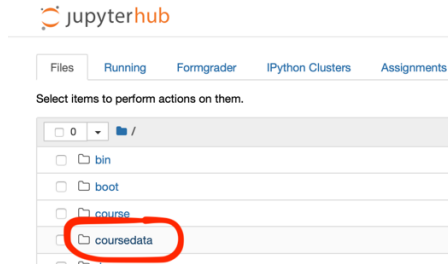
Select server option "CS-EJ3211: Machine Learning with Python 2023"

2. Where can I find images/dataset files?

Click on folder icon



Data is in `coursedata` folder



3. How to download/upload file from/to Jupyter Hub?

Download file from Jupyter Hub



Upload file to Jupyter Hub

