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CS-E407522 - Special Course in Machine Learning, Data Science and Artificial Intelligence D: Introduction to Geometric Deep Learning, Lectures, 24.10.2024-13.2.2025

This course space end date is set to 13.02.2025 **Search Courses: CS-E407522** 

Department of Computer Science / Sections / Jupyter Assignments / Jupyter instructions

## **Jupyter instructions**

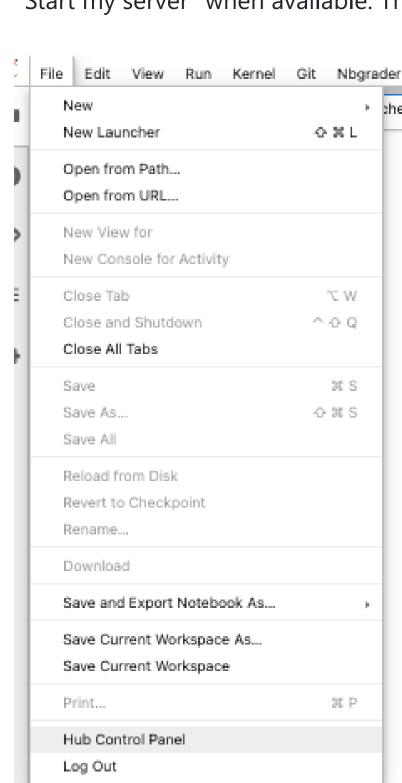
#### Accessing the course in Jupyter

To access the assignments, go to http://jupyter.cs.aalto.fi and login with your Aalto credentials. You now see a list of courses you can log in to - choose Introduction to Geometric Deep Learning (Period II-III 2024-2025) and press "Start" at the bottom of the Server Options list. When the server is started (it might take a while to load), you can see your personal files and a launcher window.

### **Server Options** O Python: General use (JupyterLab) v6.3.20 Python: General use (classic notebook) v6.3.20 R: General use (JupyterLab) v6.3.18 Julia: General use (JupyterLab) v6.3.17 CS-E407522 - Special Course in Machine Learning, Data Science and Artificial Intelligence D: Introduction to Geometric Deep Learning, (Period II-III 2024-2025) (geodl2024)

Start

If you logged in to the wrong server by accident (or need to restart the server for some other reason), you can do it by clicking "File -> Hub Control Panel" and then "Stop my server". Wait for a while (you may have to click "Stop my server" again if nothing happens), and click "Start my server" when available. Then click "Launch Server" to get back to the Server Options.



Stop My Server My Server

Start My Server

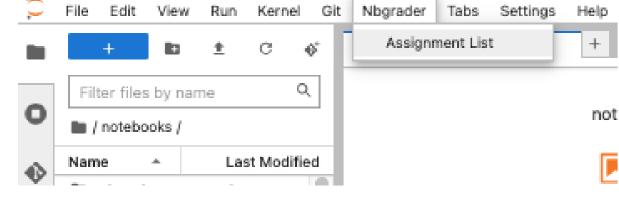
## Server not running

Your server is not running. Would you like to start it?

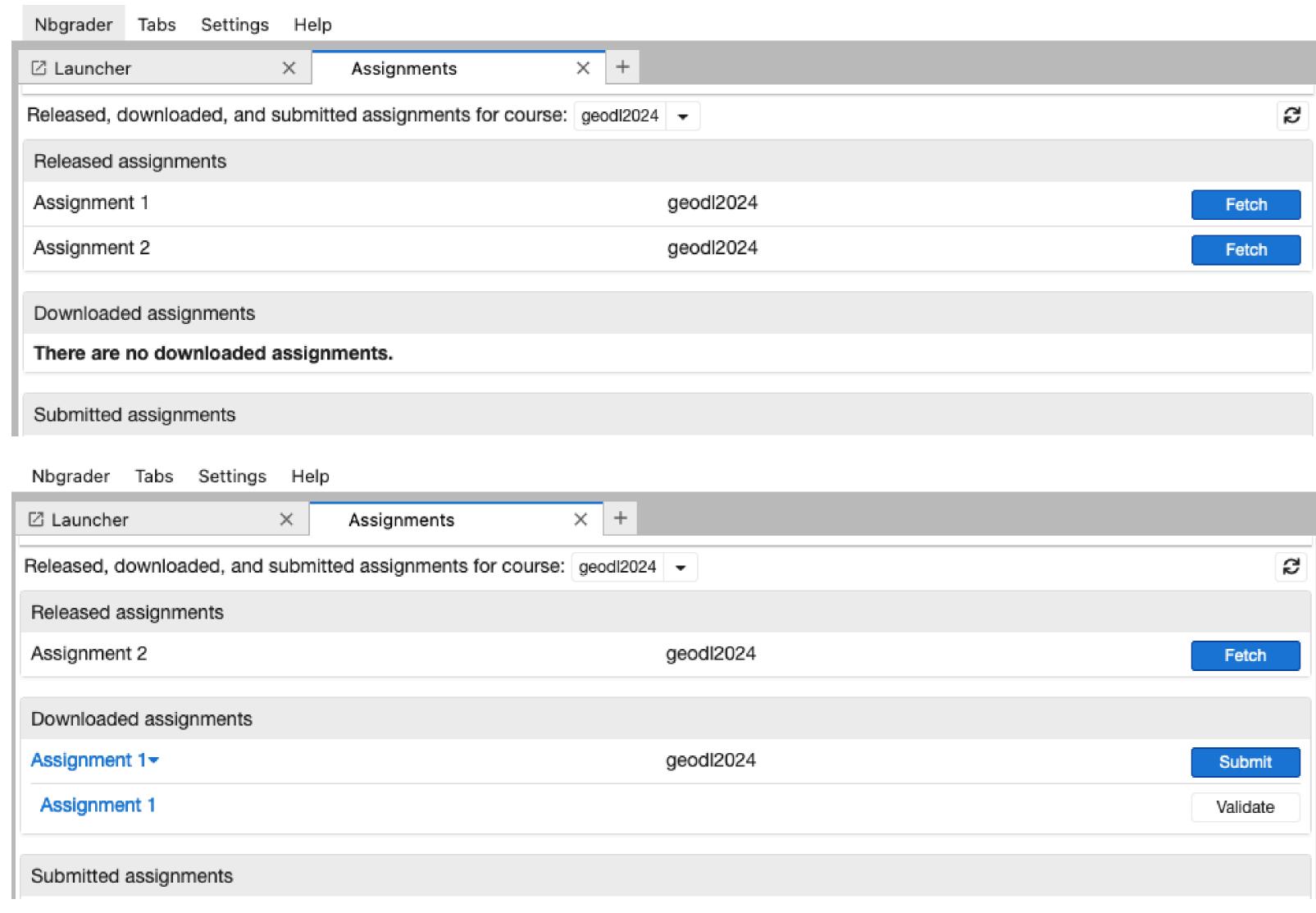
Launch Server

#### Fetching an assignment

When an assignment is released (see the release schedule under Assignments), you can fetch it via Jupyter and start working on the assignment. Click "Nbgrader -> Assignment list" from the toolbar.



This opens a new Assignments tab with the released, fetched and submitted assignments. By clicking Fetch (to the right) on any of the released assignments tab with the released, fetched and submitted assignments, the assignment will be added to notebooks/geodl2024/Assignment X/ in the Files section to the right as a directory under the same name. It will also be moved among the *Downloaded assignments*.



If you wish to download the empty assignment file again, you can delete the assignment directory in notebooks/geodl2024/Assignment X/ or simply rename it (if you wish to keep the old solution) and fetch it again.

# **Editing and submitting coding assignments**

To open the assignment notebook, click on the .ipynb file in its directory (notebooks/geodl2024/Asignment X). You should see the task formulations in text, as well as pieces of code. To help you not miss any parts of the assignment, there are " raise NotImplementedError()" lines, which are to be replaced by your own code.

There are also special cells containing "# this cell is for tests". These contain code invisible to students, which automatically grades the Fetching feedback section below). You do not need to pay attention to these cells. You still need to press Submit (see instructions below) after completing the assignment to hand in your assignment for grading!

When you are satisfied with your solution, you can go back to the Assignments tab. Before clicking the Submit button, we recommend to validate the assignment (click Validate). This will help you catch any errors (such as if you forgot to replace some of the NotImplemenetedErrors). Note that this will only check that the code doesn't crash, not the correctness of your solution. In essence, it simply runs the notebook once and prints out errors.



After passing the validation, you can click the Submit button to hand in your solution. It is possible to submission (that was submitted on time) will be graded. When you have submitted your assignment, it should be visible under Submitted assignments. Do not resubmit your assignment after the DL, unless you meant to do it! We only see the latest submission & grade it.



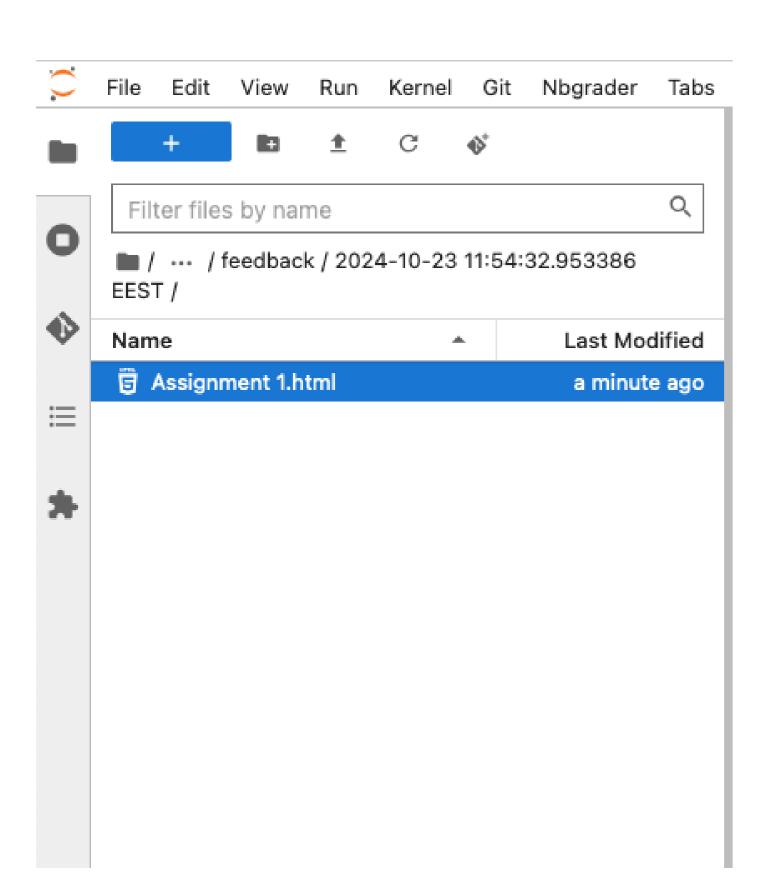
**Fetching feedback** Feedback will be released by us after the grading of the assignment is complete. We will inform you when the feedback is available via the courses' communication channels. You can also see a text "Feedback available to fetch" next to your latest submission when the



You can click the Fetch Feedback button to receive the feedback. If the view feedback link is not visible even after a page reload (or displaying an error), grading likely hasn't been turned on yet.



Clicking on the view feedback link opens a .html file in the Files section on the right. Open the file to see your feedback. On the top of the file you'll see the points you received. You can also scroll down to see the points received broken down per problem.



Last modified: Thursday, 24 October 2024, 8:46 AM

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