PA1 Submission on UCSD Datahub (DSC 204A)

Goal: Complete and submit PA1 using Datahub's *nbgrader*.
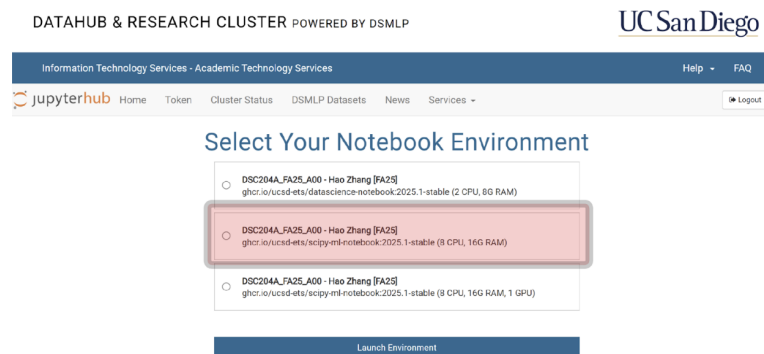
Steps

1) Log in
Go to datahub.ucsd.edu and sign in with your UCSD account.
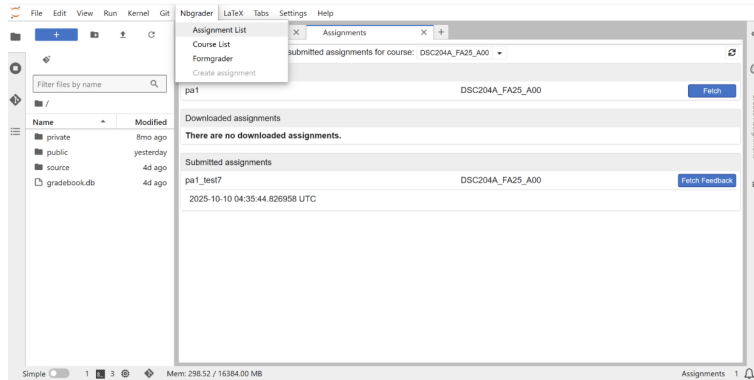
2) Select the course environment
On the Launcher page, choose the **second "DSC204A" environment**.

Figure 1: Launcher view: select the **second** `DSC204A` environment to ensure the correct kernel and packages.

3) Open nbgrader
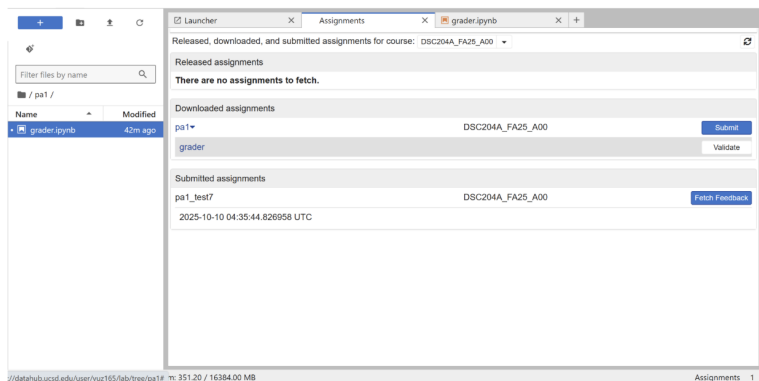From the top menu, click **Nbgrader → Assignment List**.

Figure 2: Nbgrader menu: open the **Assignment List** to access released and downloaded assignments.

4) **Get the assignment**
   In **Released assignments**, click **Fetch** for **PA1**. This will copy PA1 into your **Downloaded assignments**.

5) **Open the notebook**
   In **Downloaded assignments**, click **grader** for **PA1**, then open `grader.ipynb`.

Figure 3: Downloaded PA1: open the `grader` directory and then `grader.ipynb`.

6) **Do the work**
   Complete the notebook (you may copy/paste your solution from the starter code into `grader.ipynb`). Confirm the kernel is the **DSC204A** environment.

7) Validate

Click **Validate** to run the checks. Fix any failures until all tests pass.

8) Submit

Click **Submit**. You should see a submission timestamp. You can resubmit; the **latest** passing submission before the deadline will be graded.

Quick Tips

- **Assignment List empty?** Click *Refresh List* or reopen nbgrader.

- **Validation stuck?** Use **Kernel → Restart & Run All**, then try **Validate** again.

- **Import errors?** Ensure you launched the **second DSC204A environment**.

- **Do not rename/move files** inside the PA1 folder—nbgrader expects the default structure.

- **Save often** (`Ctrl/Cmd + S`) before validating or submitting.