

Week 2 lab sesh

COGS 108, 9:00-9:50AM (B01)

<https://github.com/alexavndra/cogs108-b01>



Introduction

Third year undergrad Machine Learning major +
Computer Science minor

Data Management Assistant at Scripps
Institute of Oceanography

Avid vintage shopper, especially vintage
designer and Levi's; also I have a cat!

Email: arh003@ucsd.edu

Office hours:

<https://calendly.com/alexandrarh/office-hours>



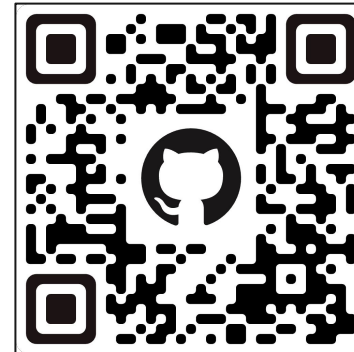
Quick logistics

Grading: how it works

	% of Grade	# to submit
Discussion Labs	16%	1 (1/wk)
Lecture Quizzes	5%	1 (1/wk)
Assignment (4@5% each + 1@1%)	20%	5
Project Review*	5%	1
Project Proposal*	9%	1
Project Checkpoints	10%	2
Final Report*	15%	1
Final Video*	3%	1
Team Evaluation Survey	1%	1

* Indicates Group Submission

GitHub

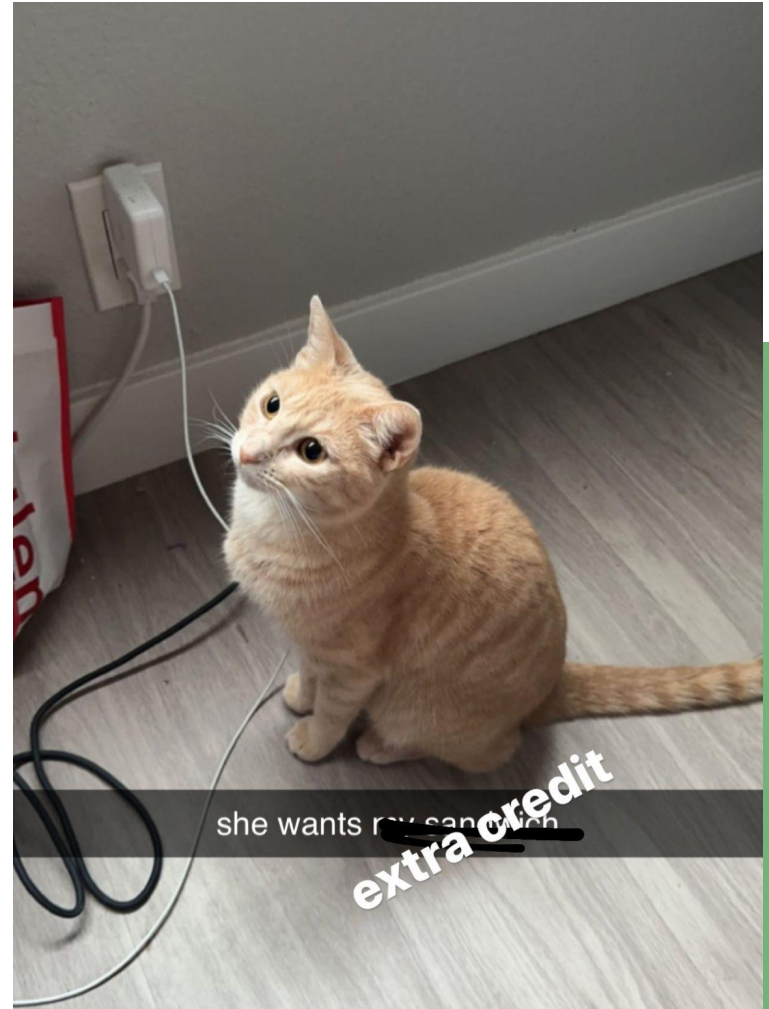


Extra credit□□□???

...yes

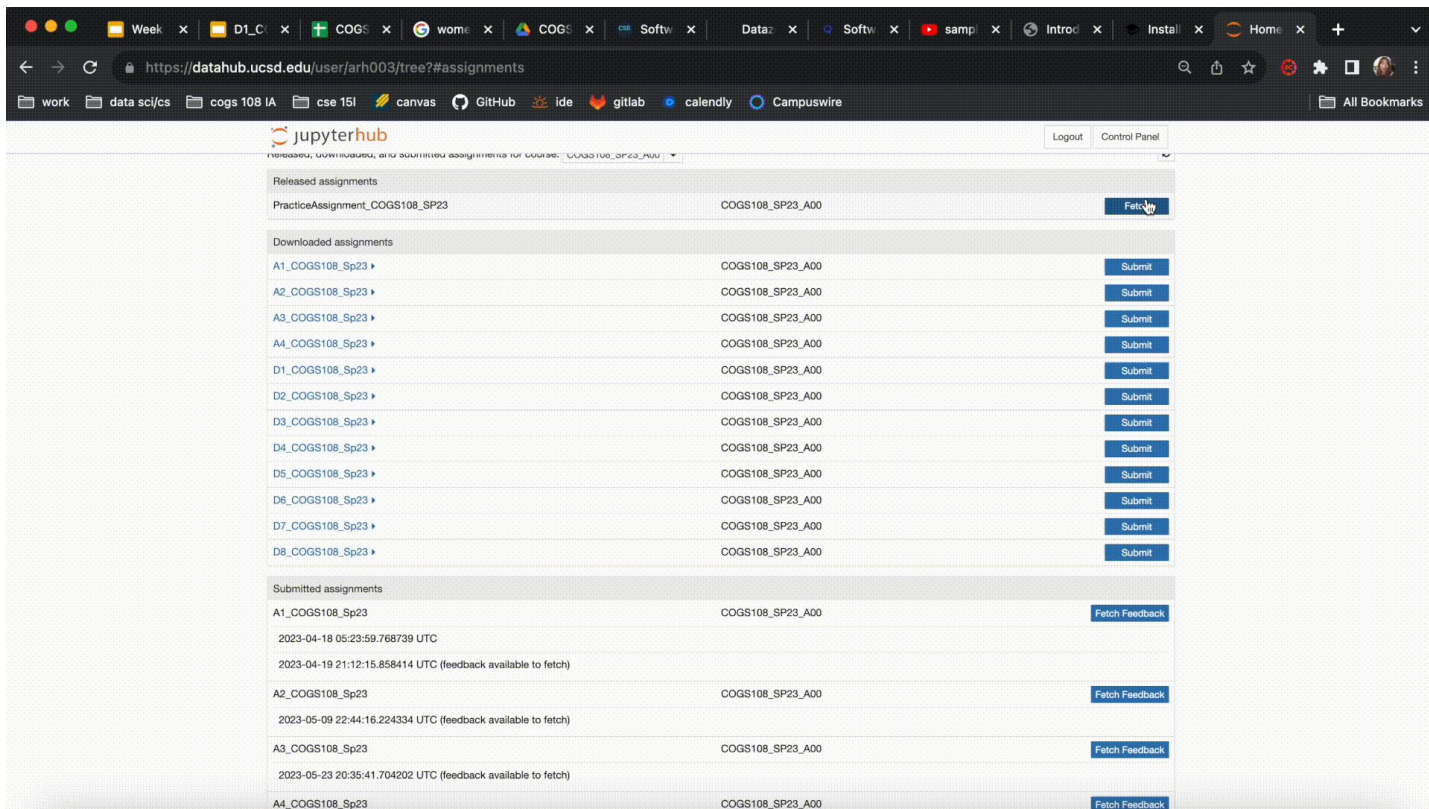
- Be a top participant on Campuswire (+0.5%)
- Do pre *and* post-course surveys (+0.25% each)
- Attend guest lectures (+0.25%)
- Submit guest lecture questions (+0.25%)
- Fill out all 7 weekly project surveys (+0.25%)

> 75% of all COGS 108 fill out SETs (+0.5%)



Tips and FAQ??

1) How to do/turn in labs, assignments...



The screenshot shows a web browser window with the URL `https://datahub.ucsd.edu/user/arh003/tree?#assignments`. The browser's address bar and tabs are visible at the top. The page header includes the JupyterHub logo and navigation links like 'Logout' and 'Control Panel'. The main content area is divided into three sections: 'Released assignments', 'Downloaded assignments', and 'Submitted assignments'.

Released assignments

Assignment Name	Course/ID	Action
PracticeAssignment_COGS108_SP23	COGS108_SP23_A00	Fetch

Downloaded assignments

Assignment Name	Course/ID	Action
A1_COGS108_Sp23	COGS108_SP23_A00	Submit
A2_COGS108_Sp23	COGS108_SP23_A00	Submit
A3_COGS108_Sp23	COGS108_SP23_A00	Submit
A4_COGS108_Sp23	COGS108_SP23_A00	Submit
D1_COGS108_Sp23	COGS108_SP23_A00	Submit
D2_COGS108_Sp23	COGS108_SP23_A00	Submit
D3_COGS108_Sp23	COGS108_SP23_A00	Submit
D4_COGS108_Sp23	COGS108_SP23_A00	Submit
D5_COGS108_Sp23	COGS108_SP23_A00	Submit
D6_COGS108_Sp23	COGS108_SP23_A00	Submit
D7_COGS108_Sp23	COGS108_SP23_A00	Submit
D8_COGS108_Sp23	COGS108_SP23_A00	Submit

Submitted assignments

Assignment Name	Course/ID	Action
A1_COGS108_Sp23 2023-04-18 05:23:59.768739 UTC 2023-04-19 21:12:15.858414 UTC (feedback available to fetch)	COGS108_SP23_A00	Fetch Feedback
A2_COGS108_Sp23 2023-05-09 22:44:16.224334 UTC (feedback available to fetch)	COGS108_SP23_A00	Fetch Feedback
A3_COGS108_Sp23 2023-05-23 20:35:41.704202 UTC (feedback available to fetch)	COGS108_SP23_A00	Fetch Feedback
A4_COGS108_Sp23	COGS108_SP23_A00	Fetch Feedback

2) The randomized groups are scaring me!

We're running a case study, and groups will be randomized regardless of your preference (opt-in or opt-out)

Someone not participating? **Weekly surveys will help.**

3) Local machine vs. Datahub???

TL/DR: For projects, either one! Labs + assignments, **DATAHUB >>**

Why? Because that's where you fetch, validate, and submit the assignments from; plus your Datahubs are synced with the COGS108 GitHub.

- COGS 108 - Jason Fleischer [FA23]
ghcr.io/ucsd-ets/datascience-notebook:2023.4-stable (2 CPU, 4G RAM)

- COGS 108 - Jason Fleischer [FA23]
ghcr.io/ucsd-ets/scipy-ml-notebook:2023.4-stable (8 CPU, 16G RAM)

**Use these
environments!!**

4) Pieces of advice?

1) Do assignments early(!)

It's nice to get things out of the way!

2) Utilize office hours

We're here to help you succeed, promise.

3) Communicate

Please, *please*, **please** talk to your groupmates, the IAs/TAs, and even Professor Fleischer if you have questions/concerns/etc.

4) Try not to stress :)

Stressing just leads to a bad outcome (from personal experience); just breathe–YOU GOT THIS!!

Introduce yourself!

Your name

Major (and minor?)

Fun fact about yourself :)

Assignments and whatnot

Week 2 + 3:

- Practice assignment (Today at 11:59pm)
- D1 (Friday, Oct 13 at 11:59PM)
- Quiz 2 (Monday, Oct 16 at 11:59PM)
- A1 (Wednesday, Oct 18 at 11:59PM)

D1 Walkthrough

<https://datahub.ucsd.edu>