J233
Coding for Journalists

LECTURER
Soo Oh

PROMPTS

Answer Poll Everywhere prompt:
https://pollev.com/soooh

Download all the files from
https://journ233.github.io

start Zoom recording

Agenda

Announcements

Mid-semester survey results

Homework review

Pandas, continued

BREAK

Pandas, continued

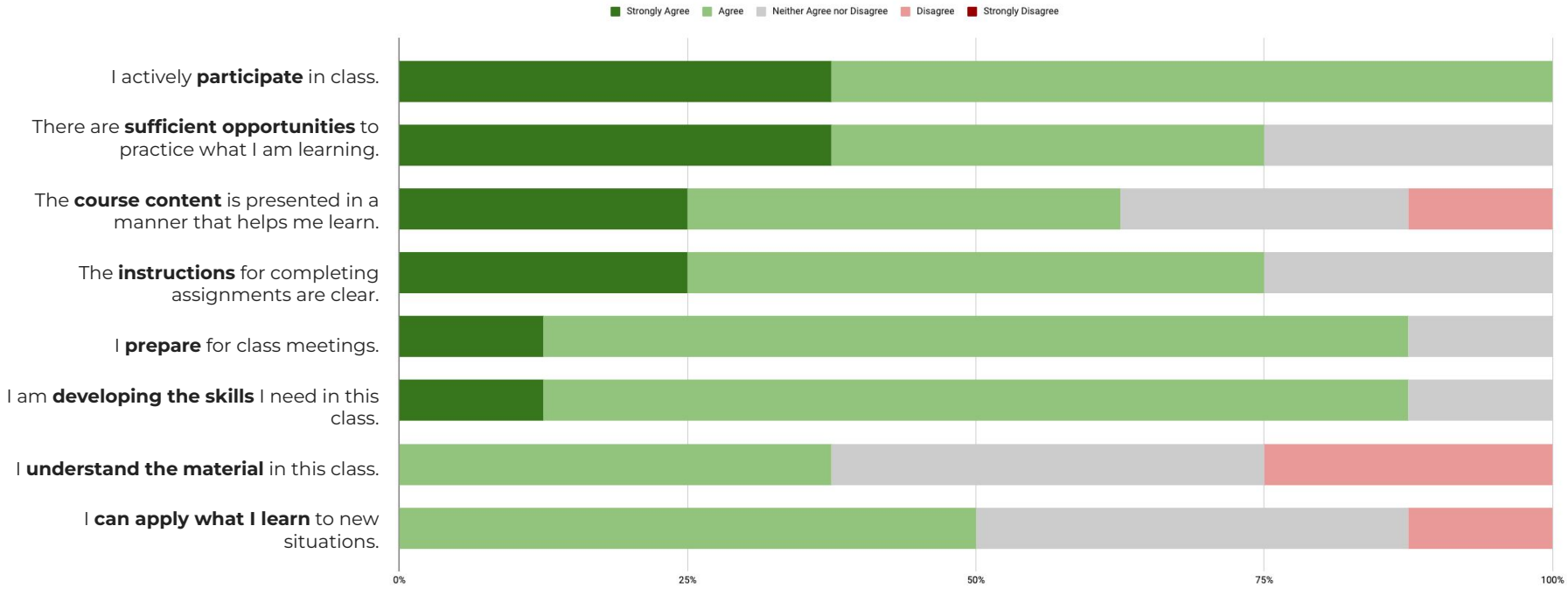
Homework

Announcements

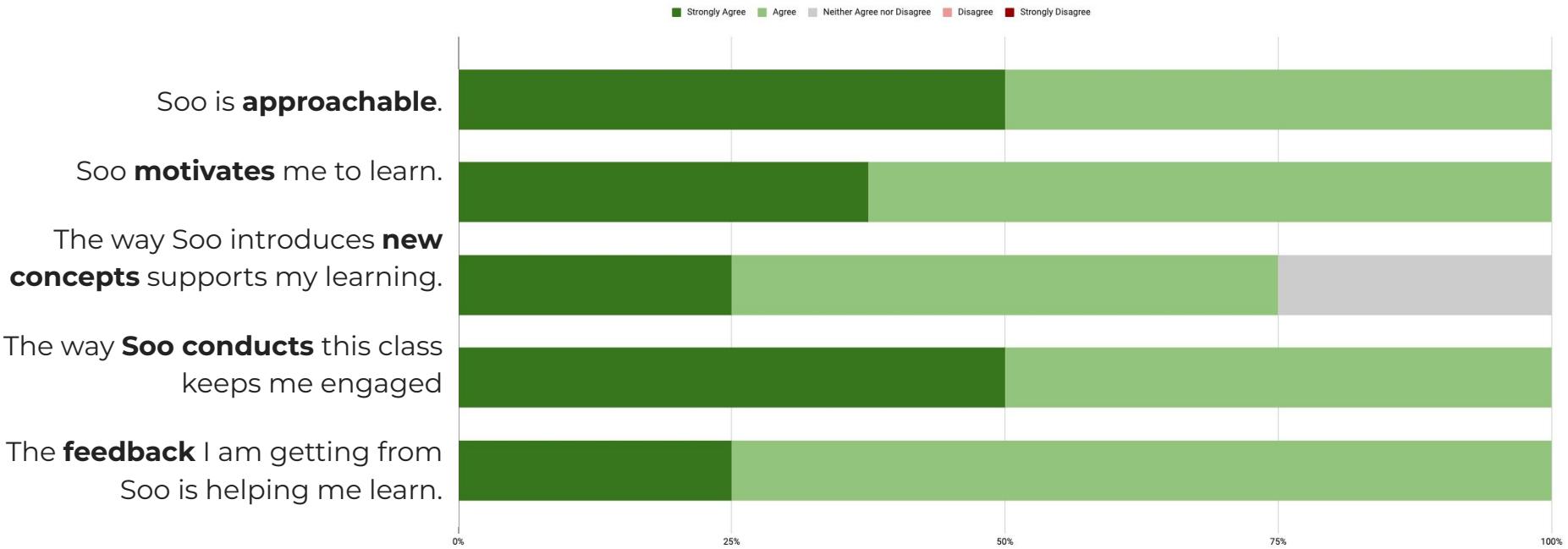
I’m going to be asking you to select your final project data for next week’s homework assignment (due in two-ish weeks).

Mid-semester survey results

Mid-semester survey results



Mid-semester survey results



Mid-semester thoughts from Fall 2022

That **Soo can explain things a little slower**.

It will be better to **slow down and give students more time to ask questions** more often.

If we could **slow down** sometimes in class that would be helpful. Also perhaps **sharing the lecture notebook/having the notes be embedded in the notebook**.

slow down the class...

Why is there always **something in the homework that is not covered in classes**?

If the **difficulty level can be distributed more broadly**.

More **in-class practice**, like little quiz/poll questions.

More opportunities to **work through problems and assignments in class**

I think this will be done later, but I would like to **work on project work examples in class** too to help with understanding the processes.

Maybe **adding in some more resources**? Like the code-academy courses, maybe if there were more tutorials shared about the content covered in class, it would be helpful.

I hope there'll be more **data-related workshops or invite some speakers**.

More guidance on the final project?

What's most helpful

in-class group exercises with the paper are helping me so much. It's more effective for me to get hands-on experience during class to get **real-time feedback**

going over the answers after

the **slides and class website** with an agenda

in class activities, where we're given an assignment then we have to work on figuring out the code in our groups, are the most helpful for me

going after all of our answers and the way the answer can be correct is really helpful for me in understanding the topics more

when we **review a concept** in a group more than once

Homework helps a lot! It pushed us to review the lecture and practice what we learned.

in-class exercises with the paper pieces. It's helped reinforce that what I am doing in the homework is correct and builds memorization for the next assignment.

interactive session we did with the paper

I think **application** is the thing that helps me most to learn. It's hard for me to feel invested in learning new things when I'm unsure of its **relevance**.

The **pollev questions** and the **group exercises**. **Soo's explanations and comments on what we submitted** is super helpful.

when we do **group activities** and try to solve more than just one problem. **working with others** just helps retain the information better

What's the most difficult

When the **lecture goes on for long** without getting a chance to practice. Lecture is helpful, but I really need that **in-class practice** in addition to it. Sometimes lecture will get long, and I'll start to lose focus on the material.

There are just some things that I don't get it. So like when we get introduced to something and then we have to do it for homework, it can be hard because a lot of the times I don't get it until we **practice it in class**.

sometimes I am completely lost but **don't know where to start to get clarification** because **the lessons go so fast**.

grasping the anatomy of loops and when to NOT define a function within them

Sometimes I find the concepts a little confusing because I am **not able to understand their real-life applications**

I just feel like **the material is tough**, and the building blocks are a very hard thing to grasp, because they aren't super relevant in and of themselves. So it's **hard to see concrete application.**

I guess **the coding itself is the most difficult** part. The fact that most of us did not have any coding background makes Python harder.

Having difficulties in quickly getting an idea of how to code for a specific prompt (e.g., for loop, while loop) and sometimes even though I spent lots of time on certain prompt and did it successfully when doing homework, I might not be able to do it next time. So I guess **I still need more practice**.

Suggestions

Going over homework problems that were difficult for the majority of the class

More **in-class exercises**

Reviewing old concepts or the material from the lecture before. I think it would be helpful before we jump into new concepts

More **in class activities** for the hard to understand concepts

Reviewing topics at the end of the lesson

I think more **example questions embedded in the lecture** that you walk through with us collectively as a class would be helpful

I think it would be more helpful to understand how we would be using the skills we are learning in **data analysis**, we haven't gotten to that part yet and we are already halfway through the class!

I think the information is just hard, and **there's no real way to make it any easier**. Not helpful even in the slightest, but it's what I've got

I sometimes felt that **the card games that we try to use paper cards to form the coding are not that useful**. I kind of just put everything together, but did not really understand the logic behind it

Maybe giving us more **practice prompts that we could do outside of class** and explaining more on how we could use what we learn in a **practical setting**, since sometimes I have no idea of where and how I can use the code we learned for a real project or in the workplace

I wish Soo knew that...

... these are **hard concepts**, and we need more practice

... some of these topics are really **hard** to understand

... we are trying our best but please **slow down**!!! □

... sometimes the **homework** makes understanding harder because they seem different from the ones we work on in class

... I'd like to have a **jupyter notebook of all the homework answers** after they've been graded for future reference and study purposes

... I want to better understand the **practical applications** of the things we are learning

... I would like to know more about in what ways Python or any other tools are **useful in the industry or workplaces**

... this is such a deep and existential question. I guess I'd say that I wish Soo knew that I'm determined to understanding this if it's the last thing I do 💪🏽

... her efforts are appreciated 💙

... she is amazing! 💛

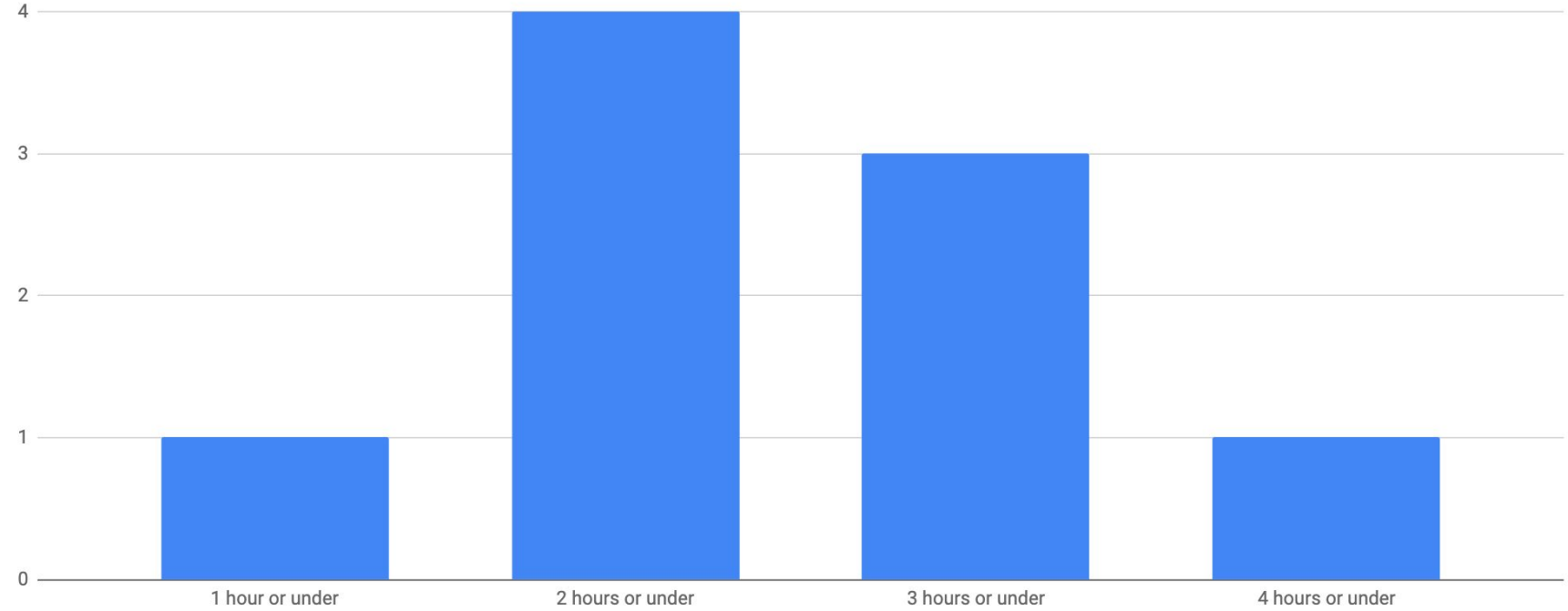
... I love her class! 💚

What questions do you have?

Homework Review

How much time spent

Week of 1023: students grouped by time spent outside of lecture and office hours



Review

ChatGPT

Oakland 311 calls

New ChatGPT guideline: If you use AI tools for help, **include your original code**.

Then, give me a **short explanation** of how your original code differs from the AI version. Your explanation doesn't have to be in complete sentences. It can be in a list format if that's helpful.

Review

ChatGPT

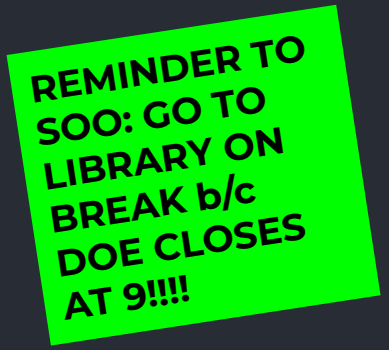
Oakland 311 calls

I reviewed and graded about half the assignments, and folks did pretty well!

- What did you notice about the Oakland 311 calls?
- What was similar to the Berkeley dataset?
- What was different?

Do you want to go through the homework? (Not sure if we need to do a line-by-line assessment, BUT if you have particular questions, let's talk about it.)

Break



Meet back in 15 minutes.

□:□□ p.m.

start Zoom recording

Pandas, continued

Download and open **`lecture1030.ipynb`**

Homework

https://journ233.github.io

Please help clean up: close windows, return tables, etc.