

INTRODUCTIONS

COGS 108 WINTER 2020

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Discussion #1

Learning Goals:-

- Get to know Amir and your classmates
 - Understand what *Jupyter* is and how to access it
 - Start thinking of final project ideas
-

WELCOME TO COGS 108!

- Amir Farhan Mat Kamal
- Final year B.S Computer Science Engineering (CSE)
- Took this class in Spring 2019 with Dr. Ellis
- My interest lies in Machine Learning and Software Engineering

AMIR'S SECTION PHILOSOPHY

- Section is not required
- Goal: 1 hour in section \geq 2 hours working alone. How?
 - Exclusive demos for project inspiration
 - Mini-lectures on nuts and bolts
 - Collaboration on assignments and projects
 - Personalized help from John and I during this section

YOUR NAMES: A SPECIAL REQUEST

- We want to get to know you!
- For the first two weeks of section, please remind us your names.
 - Example: “Hi, I’m Roberto Firmino and I had a question about...”

(Do forgive me if we keep asking for your name)



INTRODUCE EACH OTHER!

Coach Jurgen Klopp (left) and Mohamed Salah (right)
Photo by The Telegraph UK

CONT.

- **Activity: Meet someone new (ICE BREAKING)**
- Introduce your name, share major, year, favorite data example from class so far, and favorite meal/restaurant in San Diego.
- Once you have completed the criteria above, introduce yourself and your partner to us.

JUPYTER INTRO AND OAKLAND LICENSE PLATES

- Let's learn about Jupyter
- Also, a sample of the type of demo we will share with you during section.
- For today's demo (includes both code and data):
<http://bit.ly/sam-wi20>

OPEN QUESTIONS

- What areas of Oakland are most often patrolled by police?
- Is there similar data for San Diego? (Hint: Google “ALPR data”)
- Where else might we find datasets with locations of people?

RESOURCES

- For a long list of interesting datasets:
<https://tinyletter.com/data-is-plural>
- All of the Discussion Materials:
 - <http://bit.ly/sam-wi20>
- (Page above also has links to today's demo and extra practice with Python.)

ATTENDANCE

- Count off and remember your number; that number is what you need to enter in the attendance form.
- We will keep track of the maximum number for our section.
 - <http://bit.ly/at-wi20>