CPSC 392

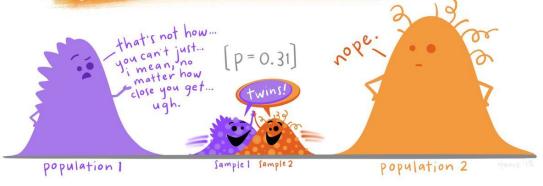
Chelsea Parlett-Pelleriti

Who is this person?

Prof. Chelsea Parlett-Pelleriti (she/her)



TYPE II ERRORS:



Who is this person?



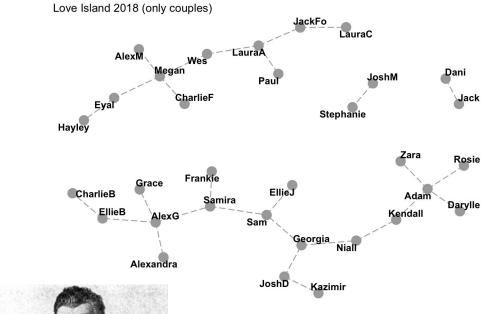
Who is this person?



Cutoffs for Bet/JOL

-5.0 2.5 5.0

Latent Measurement





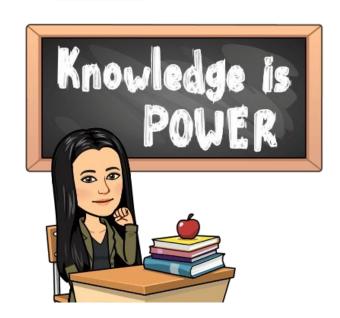


You?

Course Admin

Zoom

- Make your zoom picture you, or a Bitmoji of you
- Turn video on (optional)
- Use chat!

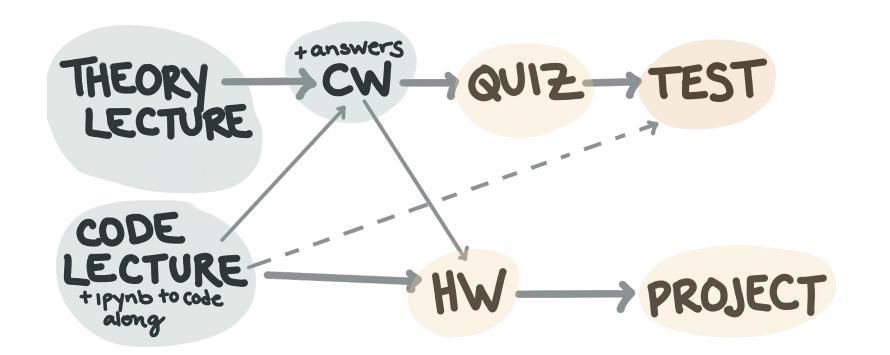


What to Expect

- GitHub
- Slack
- Canvas
- Flipped Class
- In Class
- Weekly Quizzes
- Homework (4)
- Tests (2)
- Projects (3)
- Office Hours
- Content (we'll get to that in a sec)

Grade Breakdown

- Homeworks (25%)
- Quizzes (15%; Weekly, drop 2 lowest)
- **Exam 1** (20%; Small Project + In Class)
- Exam 2 (20%; Small Project + In Class)
- **Final Project** (20%; Project + Presentation)



NOT

GRADED

Week 1 Class 0 -- Introduction and Admin **Class 1 -- Debugging Basics** • HW0 Due Week 2 Class 2 -- Labor Day Class 3 -- All the stuff you need to know (Math) • Quiz Week 3 Class 4 -- All the stuff you need to know (Python)

Class 5 -- Visualization

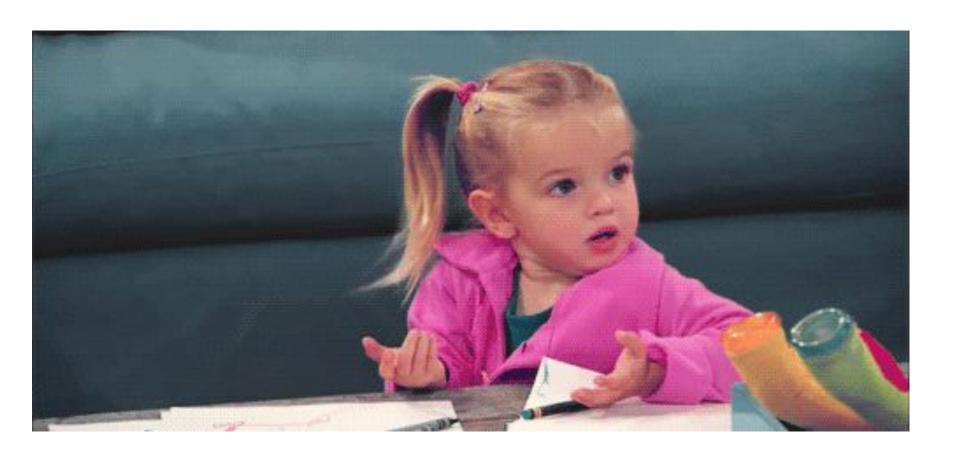
Late Policies

- **Three** 24-hour extensions, no questions asked.
- You MUST inform me BEFORE the assignment/project is due (Google Form)
- 1.5% per hour (or partial hour) penalty.

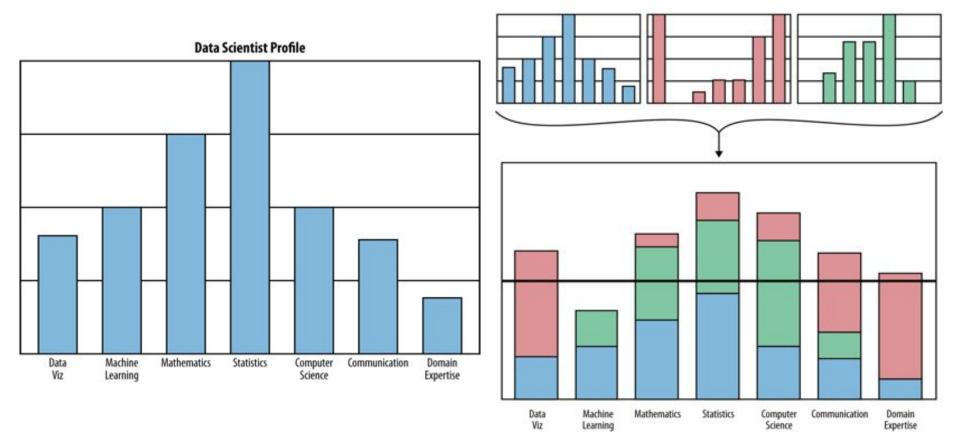
Misc. Resources

- Chapman <u>Tutoring Center</u>
- Test Anxiety
- StatQuest Videos
- Pandas Tutorials
- <u>Plotnine</u> Tutorials
- <u>sklearn</u> Tutorials
- <u>Keras</u> Tutorials
- <u>Jupyter Notebooks</u> download
- Machine Learning Flashcards (Chris Albon)

What is Data Science?



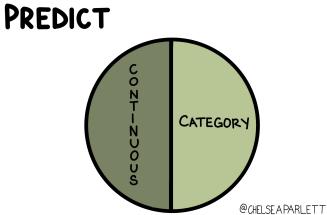
No one person can be the perfect data scientist, so we need teams.

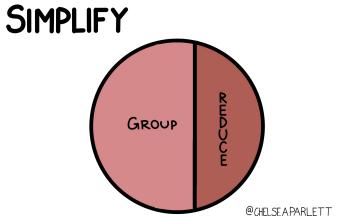


Source: Doing Data Science (O'Neil & Schutt, 2013).

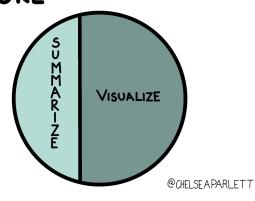


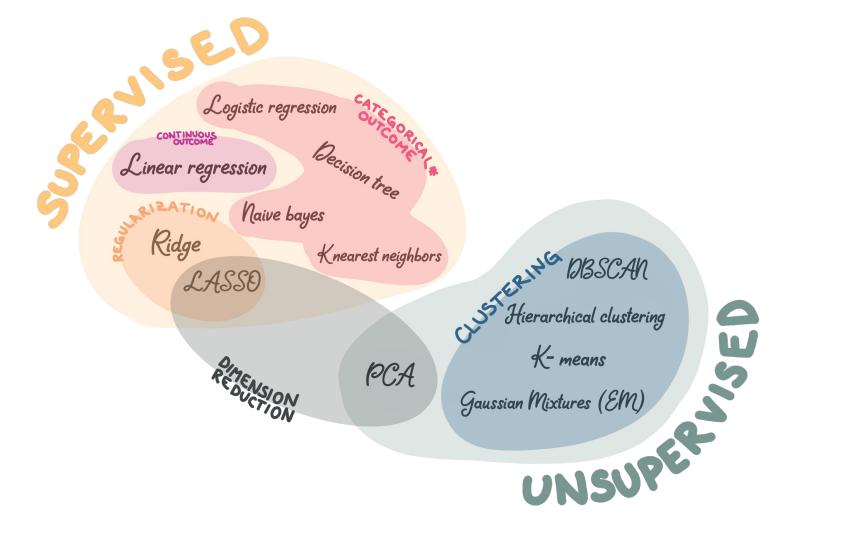
Algorithms





EXPLORE





How does Data Science affect the World?

- Ethics
- Communication
- Diversity

Make sure you have python and pip installed!

<u>Pip</u> wthon

FAQ

Study Guides | Classwork Answers | Feedback on work/Grading | When will lectures be up? | Using algos/methods we don't cover

AMA