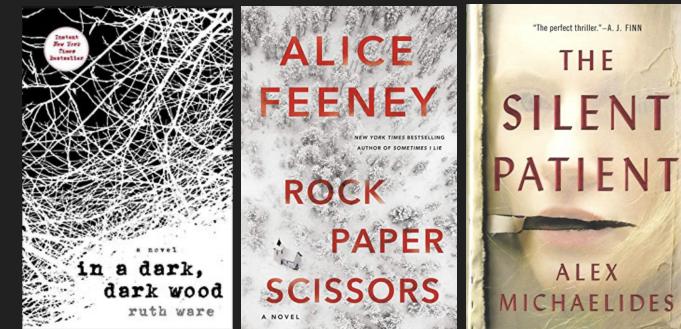


CPSC 392

Dr. Chelsea Parlett-Pelleriti

Who is this person?

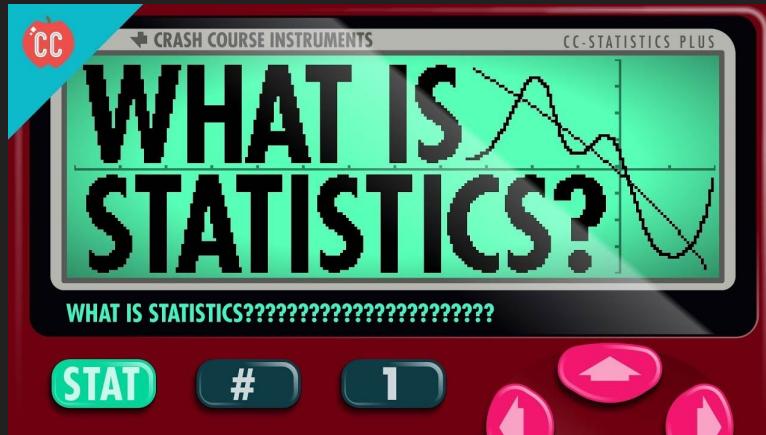
Dr. Chelsea Parlett-Pelleriti
(she/her)



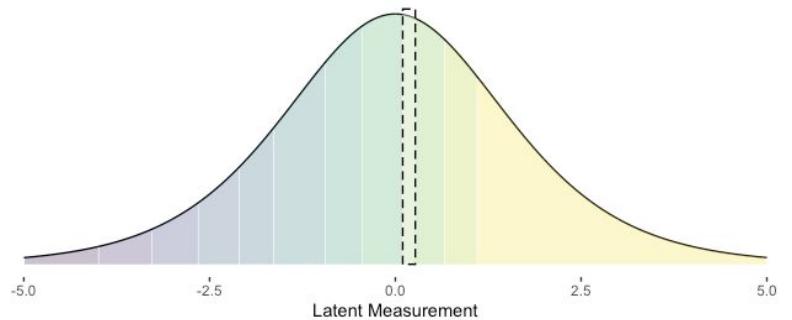
Who is this person?



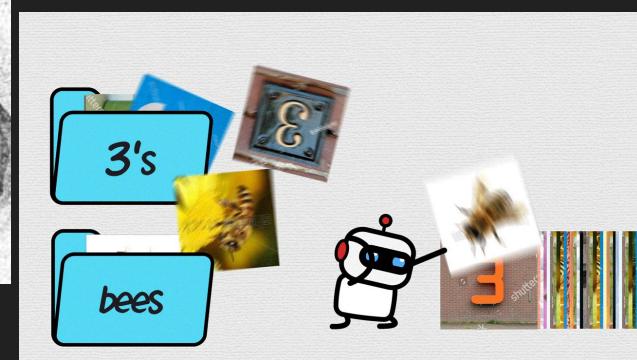
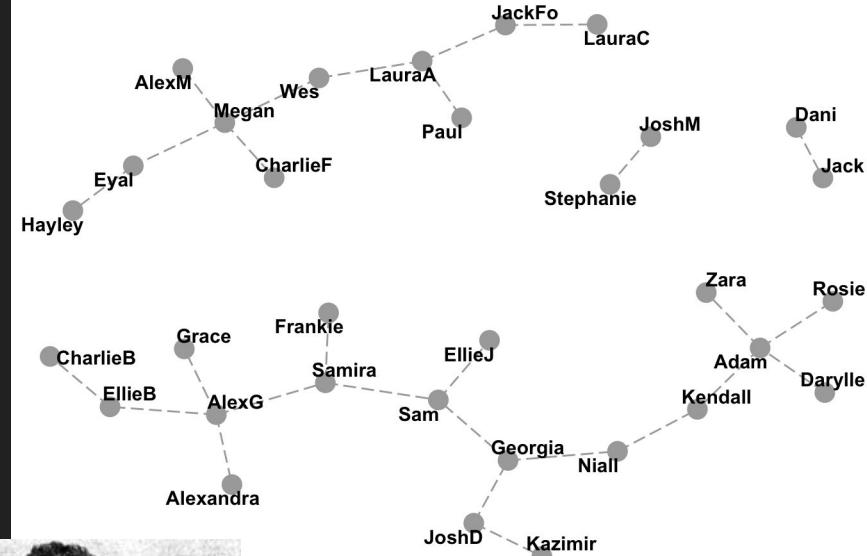
Who is this person?



Cutoffs for Bet/JOL



Love Island 2018 (only couples)



Who is this person?



What Do Professors Do?

- Teaching
 - Course Prep
 - Lecturing
 - Grading
 - Admin
- Research
 - Writing Grants
 - Collecting Data
 - Analyzing Data
 - Surveying the Literature
- Service
 - Internal
 - Committees
 - Projects
 - Student Organizations
 - Mentoring
 - External
 - Peer Review
 - National Organizations
 - Mentoring
 - Writing
 - Conferences/Workshops

You?

Course Admin

What to Expect

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

**THEORY
LECTURE**

+ answers

CW

QUIZ

TEST

**CODE
LECTURE**
+ ipynb to code
along

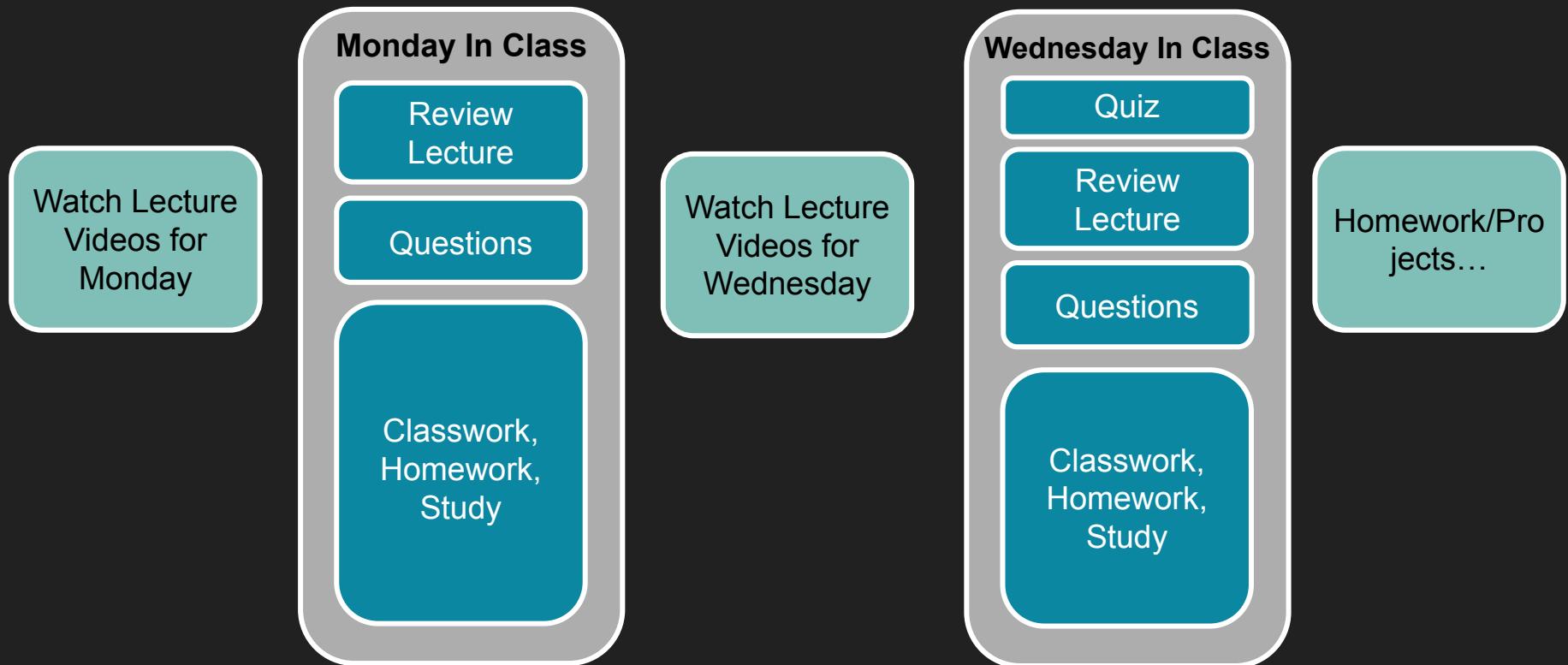
HW

PROJECT

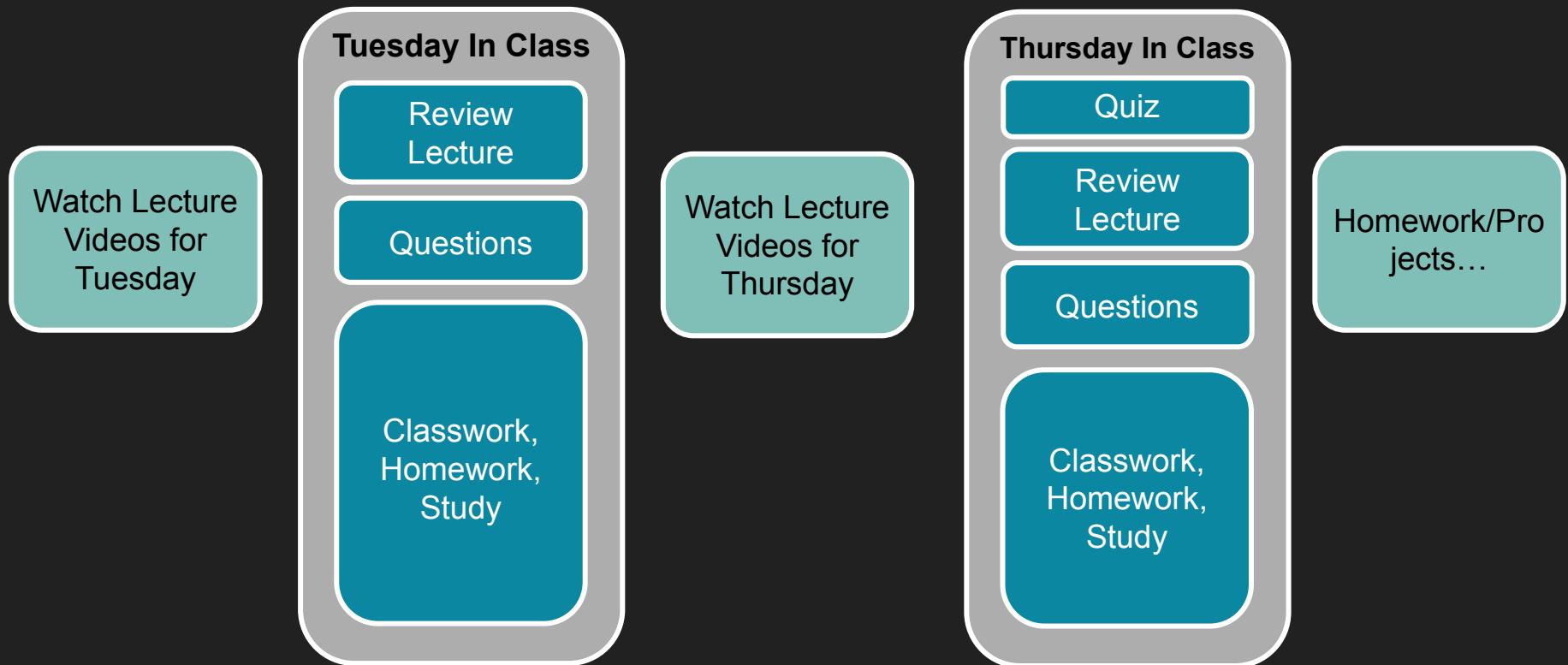
**NOT
GRADED**

GRADED

Typical Week Workflow



Typical Week Workflow



Grade Breakdown

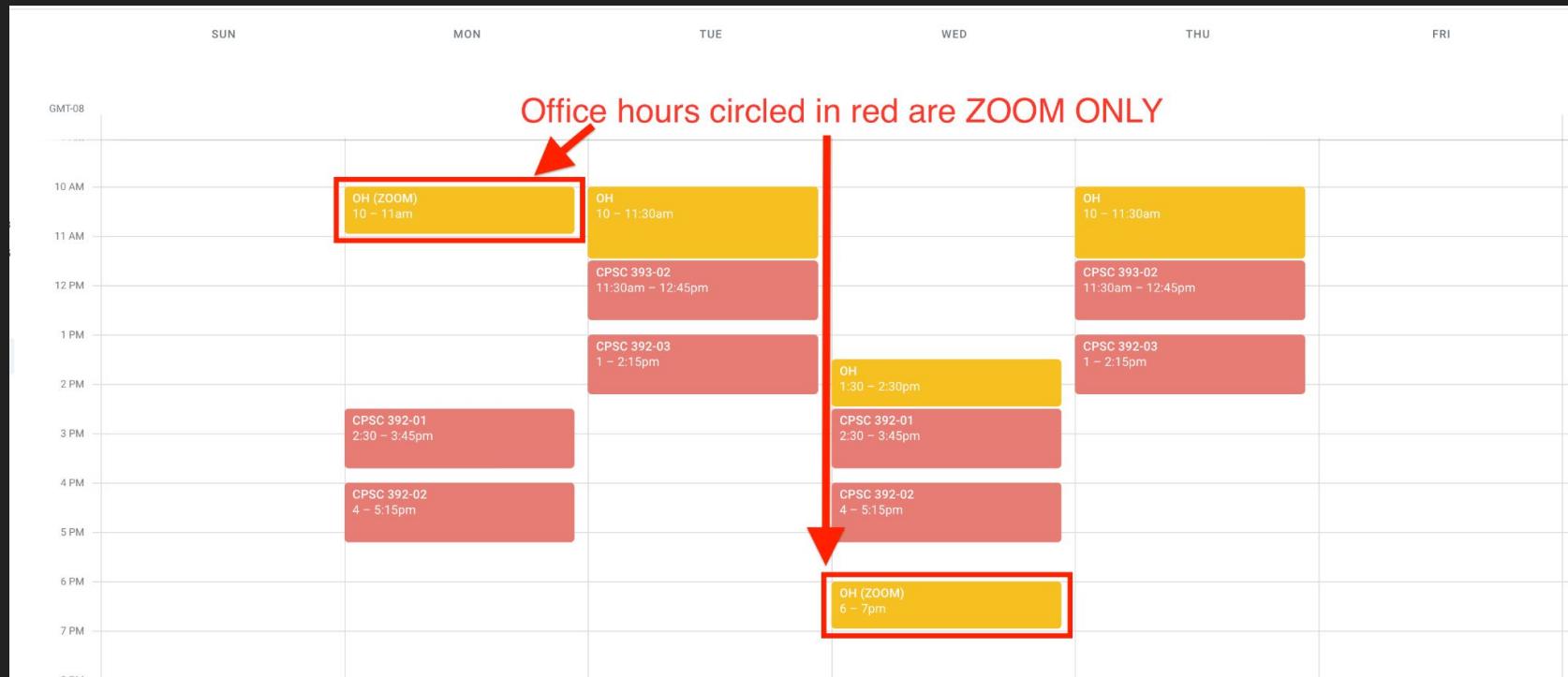
- **Homeworks** (20%)
- **Quizzes** (20%; Weekly, drop 2 lowest)
- **Exam 1** (20%; Small Project + In Class)
- **Exam 2** (20%; Small Project + In Class)
- **Final Project** (20%; Project + Presentation)

Late Policies

- **Three 24-hour extensions, no questions asked.**
- You **MUST** fill out the Google form **BEFORE** the assignment/project is due (+ Add a Comment to your Canvas Submission)
- **0.15% per hour (or partial hour) penalty.**

Office Hours

In Person > Zoom > Slack



Book

☰ README.md



CPSC392ParlettPelleriti

Readings

- Beginner's book + code
- More in depth book

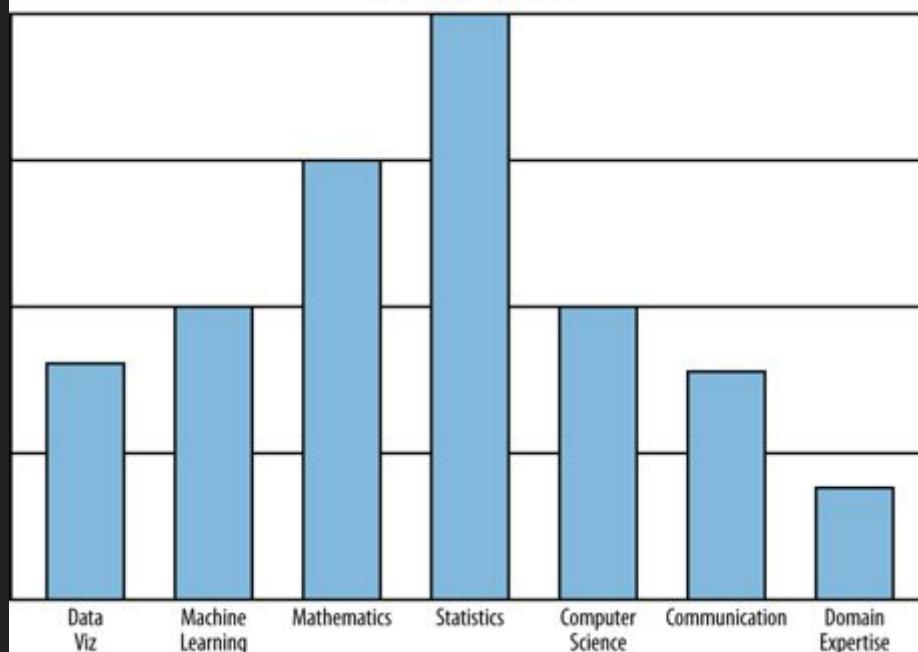
FAQ

[Study Guides](#) | [Feedback](#) | [Pre-reqs](#) | [Classwork](#) | [Slack Boundaries](#)

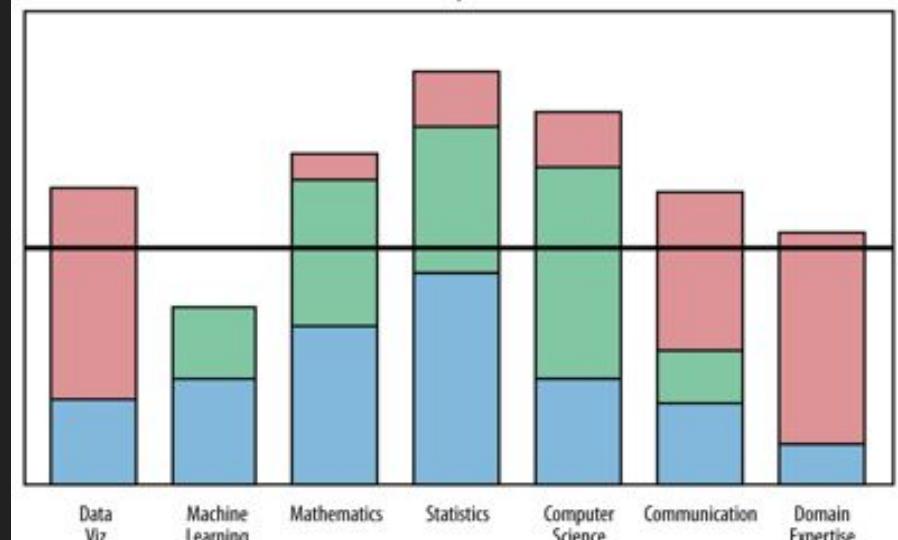
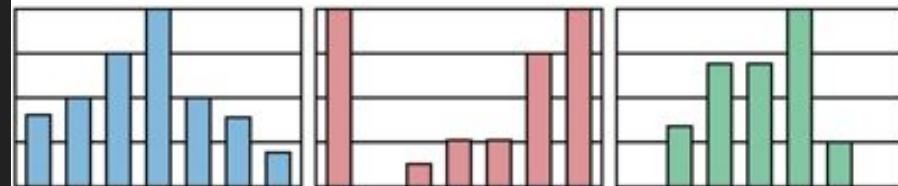
What is Data Science?



Data Scientist Profile



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



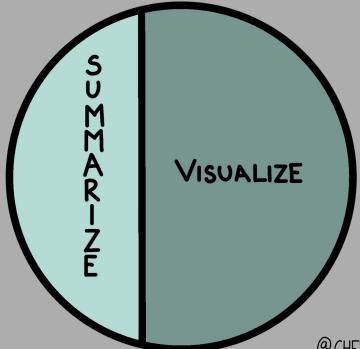
Source: Doing Data Science (O'Neil & Schutt, 2013).

New York City Subway Diagram



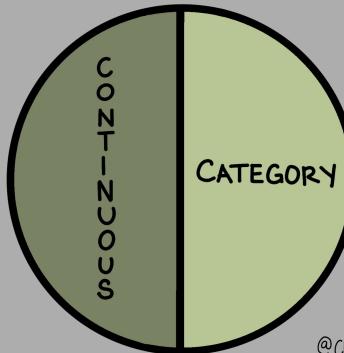
Algorithms

EXPLORE



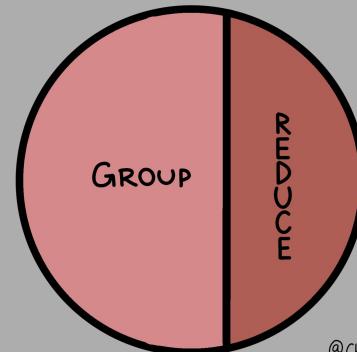
@CHELSEA PARLETT

PREDICT

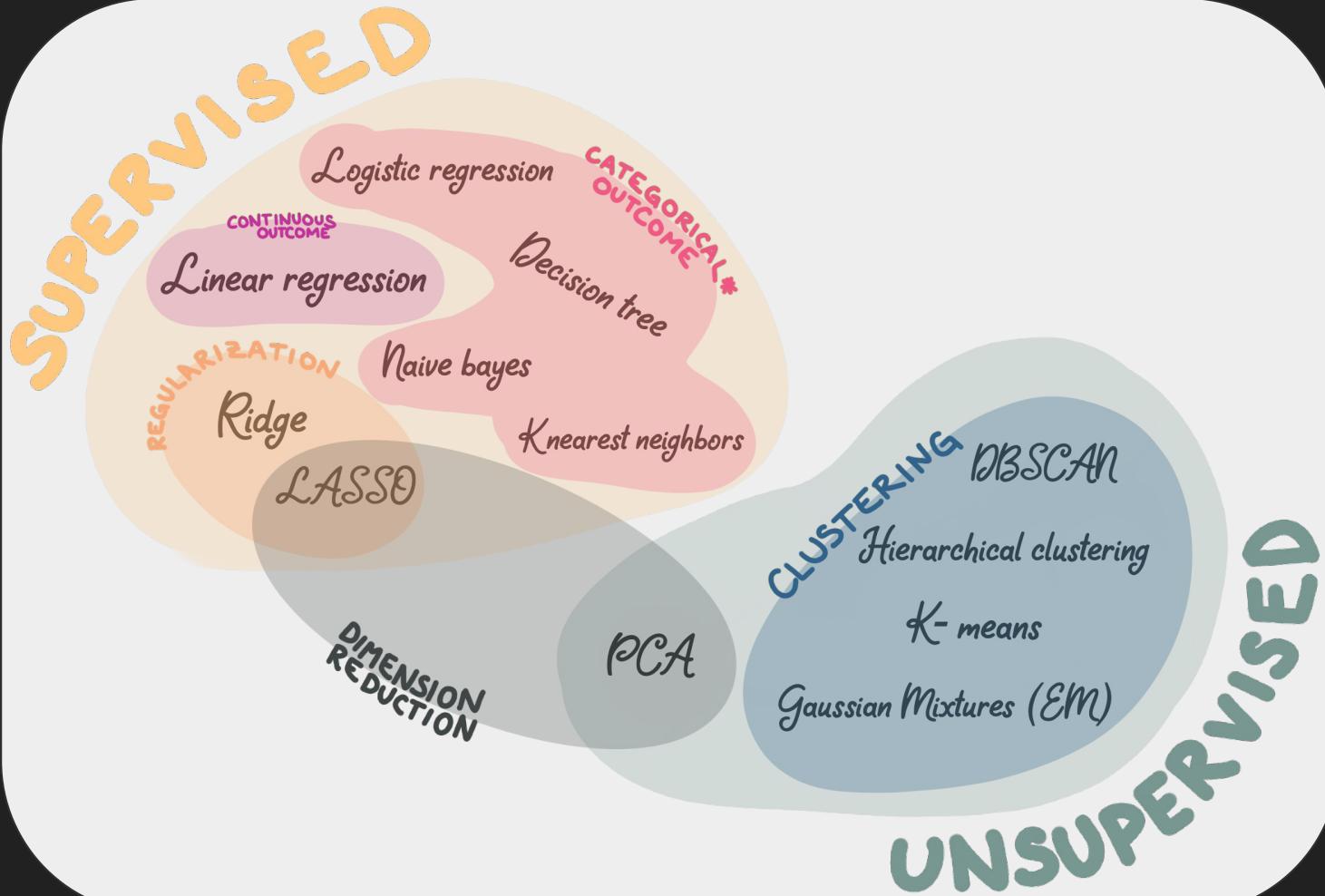


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SIMPLIFY



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How does Data Science affect the World?

- Ethics
- Communication
- Diversity

AMA

Google Colab