Lecture 1 Notes

- Welcome; about me
- Plan for today
- Logistics
  - Webpage/syllabus
    - Schedule table; ideas/math/programming/lab format
    - Major assessment items
  - Policies
    - Read them
    - Recommended textbook
    - COVID safety policies:
      - wear masks
      - do not show up if sick; do not show up if not cleared
      - water drinking; ok by me, but if you're not comfortable with it let's talk
  - Safe and inclusive learning environment
    - We're all coming from different places
      - covid example: living with grandparents
      - need to be respectful of peoples' differences and different perspectives
    - Extends to many aspects of background and identity; gender, orientation, race/ethnicity, etc.
    - We need to be careful to avoid being exclusionary, even by accident
      - Ties into course material; we'll talk some about data science and society/ethics
  - Flexibility
    - 2021 is fun times!
      - Back in person; me, so far:
        - 5 qtrs in person
        - 4 qtrs remote
        - New course (I don't know everything!)
        - New baby
      - Flexibility all around
  - Feedback
    - Solicited: Fill out the surveys I ask (first one out Friday due Monday, in place of quiz)
    - Unsolicited:
      - Send me email
- Talk to me in office hours
- Fill out the anonymous google form linked from the syllabus
- Yell at me

- What is data science? Student suggestions
- What do data scientists do? Student suggestions
  - answer questions
  - discover patterns, trends, insights
  - make predictions (classification, regression)
- (if time allows) What is data? Student suggestions
  - Properties of data
  - Structured data