



# Lecture 0

Answers on Day 1

# Introductions

- Name
- Major
- Why data science?

# Dr. Colin Jemmott

(I prefer Colin)

Pronouns: he, him

Office: CSE 3234. Come visit me Wednesdays 3:30-5:30

Books I like: <https://github.com/jemmott/books>

Data Science (to me): deeply understanding the meaning of your data, analyzing it with honesty and creativity, and communicating results clearly.

Email: [cjemmott@ucsd.edu](mailto:cjemmott@ucsd.edu) (I like hearing from you! but check website first)

Way too much info at <https://www.cjemmott.com/>

# My Path to Data Science

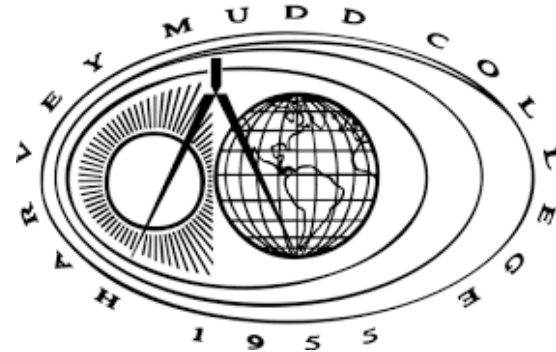
B.S. in Engineering

M.S. in Electrical Engineering  
Ph.D. in Acoustics

Senior Acoustical Scientist

???

Data Scientist!



PENNSTATE



<https://www.dsc96.com/>

# • Scenario

- You are an intern for a metro daily news organization and you cover local politics.
- You have just downloaded data showing how much each local governmental agency in the state has paid for lobbyists to go to the state capitol and work for their causes.
- You think there's a story here, but you're not sure what it is.

<https://www.dsc96.com/schedule>



# • Tableau basics

- Intro to interface
- Importing
- Dimensions and Measures
- Chart types
- Finding the story
- Practice on your own

# Titanic Data

- How many people were on the ship?
- What was the total of all fares paid?



# Free Software

- Libre versus Gratis
- Tableau: free, with restrictions
- Python, R, and open-source software



Why is software piracy bad?