Lecture 1

DATA 322: Machine Learning for Data Science

Lecture 1

Agenda:

Introducing...

- The instructor: Dr. Rosanna Overholser & students
- The course, DATA 322
- The content, Machine Learning

The Instructor: Rosanna Overholser

I'm from Bakersfield and have earned several degrees from institutions of higher ed in CA:

- AS in math from Bakersfield College,
- BS in math from Cal Poly SLO,
- MS and Ph.D in math from UC San Diego

I have 5 years of experience as a statistical consultant:

- Supporting healthcare researchers through the UCSD Clinical and Translational Research Institute
- Supporting Ph.D students and external researchers at Ghent University in Belgium
- Supporting researchers studying strokes via the Riksstroke Registry at Umea University in Sweden

I taught statistics and math for 1 year at the University of Toronto, Mississauga.

I taught statistics, math and data science at Oregon Tech for 5 years.

I moved to back to CA and started teaching at Cal Poly Humboldt in 2022!

The Students

Please fill out a card with:

- Your name (and preferred name if different)
- Your major
- Your hometown
- The name of a song (and artist if possible) that would make you feel calm and happy if it were playing when you walked into class
- A sketch of yourself

Please form a team with 3-4 students: fill out one card per team with the following info:

- Name of your team
- Names of the team members

The Course, DATA 322

Do you feel more like talking or reading right now?

The Content: Machine Learning

Class Activities to understand Machine Learning at a high level:

What **Buzz Words** have you heard related to Data Science, Machine Learning etc. that you know or have heard of?

Two Simple yet Memorable Examples