Welcome!

9/9/24

Welcome to the course!

Important course information

- Professor Becky Tang

  - Office: Warner 214

  - Email: btang@middlebury.edu

- Course website: https://midd-stat201-fall2024.github.io/

  - Please bookmark this page and visit frequently!

  - Note that both sections will use the same website

What is this course about?

- What is statistics? What is data science?

- By the end of this course, you will:

  - Produce and interpret graphical displays and numerical summaries of data

  - Have developed confidence and some proficiency in coding in R (and in particular, the tidyverse syntax)

  - Better understand the central role of randomness in designing studies and making conclusions

  - Hopefully want to pursue another Statistics or Mathematics course!

  - And much more…

Necessary background

- We assume ZERO background in statistics and data science

- There is a large computing component, though not as much as in STAT 118

- MATH 121 (Calculus 1) pre-req

Recommendations

- Takes notes! Each day's slides will be made available on the course website by 10pm the night before. I recommend either:
    - Printing out the PDF version of slides to write notes on during class
        - I recommend 4 or 6 slides per page (demo)
    - Downloading PDF of slides to iPad/tablet/laptop and write notes on then using device
    - Taking supplemental notes on paper/device
- Re–visit notes within 24 hours of class

Recommendations (cont.)

- We will frequently make use of our laptops. Please bring one with enough charge to last the entire class each day we meet!

  - **Please let me know as soon as possible if you do not have access to a laptop**

- Try to resist the temptation to do other tasks (e.g. check email, online shop, watch shows) when your laptop is open

  - This can be distracting to those around you

- Keep an open mind and don't be afraid to ask for assistance or tell me to slow down!

- Resist the temptation of using ChatGPT or other generative AI tools