STAT107 Data Science Discovery

LAB: GPA

Man Fung (Heman) Leung

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University of Illinois at Urbana-Champaign

- Please work in a group of 2–4 students
  - collaboration is important in data science!
  - meet new friends and discuss :)
  - let us know if you have any questions
- Attendance form
  - you can come up if you do not want to use this form
  - submit before you leave the lab

Random fact of the day

How much are you willing to pay for a game with infinite expected value? Let's take a look at the St. Petersburg paradox.

Practical experience of the day

Bayesian statistics provides a general way to incorporate domain/professional knowledge.

- Check email for score decomposition
- Simpson's paradox vs information cost in 3.2
- 1.3: the question asks for Python Pizza (read carefully) and female, so both variables should be changed
- 4.4: the observation is the number of shoes decreases with the shoe size. The question also asks about confounding variable

- Main page
- Hints:
    - Available by double clicking the question cells
    - 3.3: remember to normalize the frequency for density histogram (check the y-axis)
- Submit your work. Feel free to:
    - ask us questions
    - leave whenever you finish the lab