

STAT107 Data Science Discovery

LAB: GPA

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- 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