STAT107 Data Science Discovery

Lab: Experimental Design

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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

Random fact of the day

The lipstick effect states that consumers will be more willing to buy less costly luxury goods during an economic crisis. Is it possible to apply randomization if we have a lipstick sales dataset?

- Main page
- Retrieve the lab using git
- Complete the notebook
  - Array index in Python begins at 0
  - (Subsetted) dataframe index can be retrieved via ".index"
  - Dataframe not in a particular subset can be selected via ".drop(subset.index)"
  - (Subsetted) dataframes can be combined via "pandas.concat([subset1, subset2])"
- Submit your work. Feel free to:
  - ask us questions
  - leave whenever you finish the lab