Lecture 10.5: CS 1 Review and Plotting Lab

UNIVERSITY OF SAN FRANCISCO

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BSDS 100 - Intro to Data Science with `R`

- Question 3: Which ramen brands are from the United States (hint: beware of abbreviations!)?
- Sometimes the United States is called "USA" and sometimes the United States is called "United States"
- Note the hint!

- Question 5: Which brand has the highest average star rating? If there is a tie, report multiple brands.
- Overall, good scores on this one, but many questions were asked

Most Common Mistake 2

- Question 7: What is the average, maximum, and minimum rating for ramens from the US? What about for ramens from Singapore? Based on your findings, which country do you expect to land in the Top Ten more often? Check your prediction.

- Everyone did the average, maximum, and minimum. Most stated their expectation of who would land in the top ten more often. About half checked their prediction.

- Don't forget to read the whole question!

Open Ended Questions

- Question 13 (the last question): Recommendations for Roamin' Ramen
  - Almost everyone did well, if you did not and did not understand your feedback feel free to come to office hours or set up an appointment with me

- Question 12: Ramen Clusters
  - First group ramen by something, examples from the class include Star Rating, Flavors (e.g., meat, fish, veggie), Salt Percent, Region of the world. Some also combined two columns to build their brackets, this works too!
  - Say something about these clusters... why are they interesting? What is useful about this breakdown? (e.g., we found that Ramen's from Asia had very high ratings and there were very few from Africa)
  - Again, please feel free to schedule an appointment or come to office hours if you are still confused!

- You did not lose points for code that was more complex than necessary, but I commented on it. I recommend checking the answer key for simpler solutions

- Grades and answer keys will be released immediately after class today

Lab

- Work on the ggplot lab located on the github site
  https://github.com/abbiepopa/bsds100
- You can work with others in the class, but everyone must submit something on canvas
- Your submission will determine your participation for today, if you attempt the assignment you get credit, if you submit a blank assignment (or submit nothing) you don't get credit for today
- You don't need to get all answers correct to get credit, but you do need to show effort!