Problem Set 2 Debrief

Your Wonderful and Hardworking TAs

October 23, 2024

Revenue increase from "missing city sticker" tickets

▶ Make sure your graph is readable (e.g. X-axis doesn't have too many ticks that make it hard to read it)

▶ Some students couldn't correctly identify either code 0964125 or 0964125B leading to errors in their answers

▶ Read the questions carefully:
  ▶ Some students lost points for not answering which help page they used to create vertical line/highlight of the date of the fine increase

  ▶ Project **increased** (not total) revenue based on the number of tickets issued in the last calendar year before the increase
    ▶ Calendar Year: 1/1/2011 to 12/31/2011

Understanding the structure of the data and summarizing it

▶ Q4.3 The goal is to see a before-and-after process of how to structure the data and finally present it in a readable way. Most students focused on only displaying the "good" plot, but didn't identify the problem by displaying the "bad" plot first.

Cross-cutting comments

▶ Tech issues
  ▶ If you are still facing tech issues (wrapping up your code, displaying charts, knitting to PDF, using Quarto) reach out for support

  ▶ Knitting errors could look different when knitting to PDF. To keep these errors, add `keep-tex: true` in the QMD YAML to help debug these errors

▶ Read questions carefully. A lot of points of are for not answering part of a question.
  ▶ Following Neil's advice, PS4 will have separate numbers for every single tiny sub-question. Renumbered version will be posted by 5PM Wednesday

▶ Assign pages correctly on Gradescope - we had a few cases where pages were not assigned which makes grading very hard (and also results in a lower grade)