HOMEWORK 3: STRUCTURED DATA

Prepare a write-up that includes your solutions to the following questions from the course exercise sheet. Make sure to include all your code and clearly specify where each new problem begins.

Coding

- Bike Demand [3 points]
- Geospatial Datasets [3 points]. For (f), do not use (a) or (c), since we've did those earlier.
- NYC Trees [3 points]
- Political Book Recommendations [4 points]
- Colony Collapse, parts a c [4 points]

Discussion

- Geospatial Datasets [3 points]
- Olympics Interactive App [3 points]

Grading Criteria

Each coding problem will be graded according to the following criteria,

- Attention to detail in visual design. Your design choices should demonstrate critical thinking around the appearance of graphical marks and the queries that they support.
- Elegant code style. The code you use to implement your visualizations should be readable, modular, and concise. You may find it helpful to check your code against the Tidyverse style-guide.
- Thoughtful explanations, interpretations, and organization. Your justifications should be complete, your interpretations should draw creatively from relevant sources, and the submission overall should be well-organized and formatted.

Discussion problems will be evaluated based on only the last.