

My Approach:

The objective of this code challenge was to help highlight areas with food safety problems. Since I needed to get this done in a timely manner, I wanted to get a count of the grades of restaurants in each borough to see broadly where the best and worst restaurants are. The one constraint I had was that my computer couldn't handle storing all of the data that was provided, so I used a small sample for my analysis. I learned that the restaurants with the lowest grades are in Manhattan. The next step I would take would be to highlight the boroughs with the most critical flags.

- Rails Backend
 - Create a Grades table that is seeded with the data from the provided data file with the CSV gem
 - I ended making a smaller copy of the file with 250 rows because the nearly 200,000 rows was causing my computer to overheat
- React Frontend
 - Display the data from the rails backend in a table
 - Create a bar chart with React Google Charts that displays the number of safety grades for each borough