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Data Visualization

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**Restaurant Inspections:**

**Perhaps Not the Cleanest of NYC[[1]](#footnote-1)**

Data and visual analysis:

There was a lot of data! Over 40,000 restaurants. To make this more manageable, I wanted to focus on Manhattan since I live there (maybe next time I will concentrate on the outer boroughs). Because I live in the Lower East Side, I was also curious as to whether or not there were more “dirty” (less than “A” grade) restaurants in the lower half of Manhattan, as opposed to the upper.

I was also curious as to whether or not there was a similar pattern to “C” restaurants as to “B” ones. I wanted an immediate comparison, so I knew I wanted something that would move between the two. I was contemplating an interactive choropleth R map, but given how much trouble I’ve been having with mapping, I opted for an animated GIF that would immediately show the viewer an overlay of B vs. C restaurants.

I would have included A-grade restaurants, but the Google API query limit per 24 hours is actually extremely limiting!

Concluding notes:

There is a general pattern to the “dirtiness” of restaurants, though this might be more due to the density of restaurants in certain neighborhoods. On the other hand, however, restaurants there is a geographic tend of “C” grade restaurants towards the East and southern part of Manhattan.

1. A pun on “NYC’s Finest,” which is the slogan for the New York City Police Department. [↑](#footnote-ref-1)