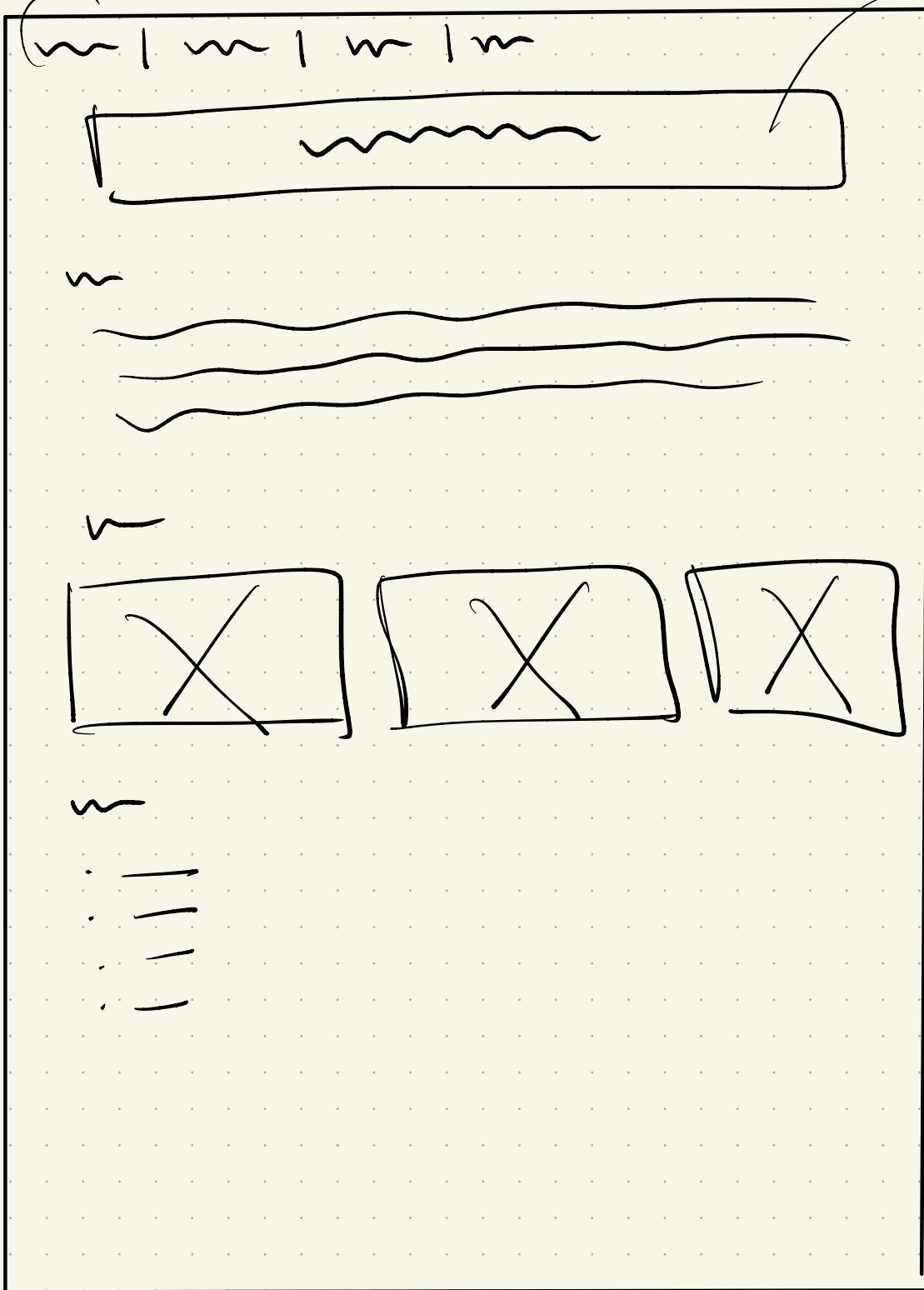



HOME PAGE



title & names

purpose

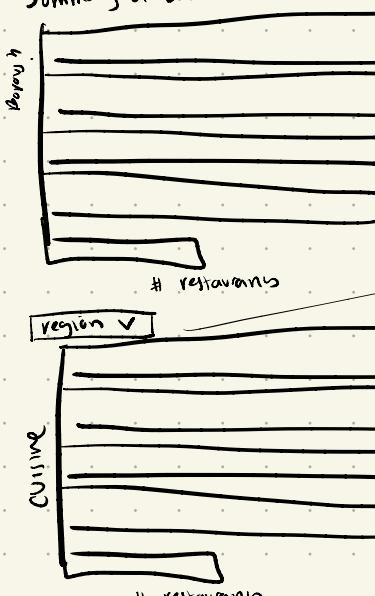
generally introduce the website, data used, what the user can do, and what the project is about

data

Overall Trends

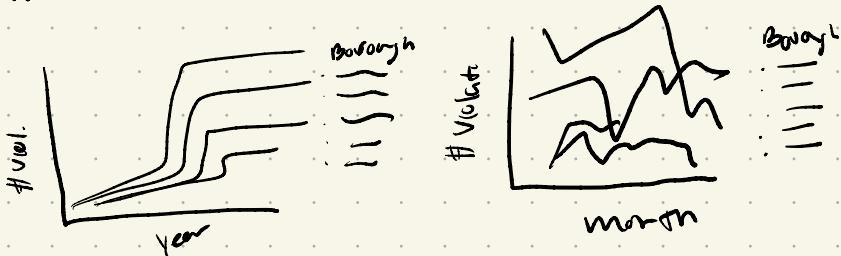
Trends in Health Code Violations

Summary of data

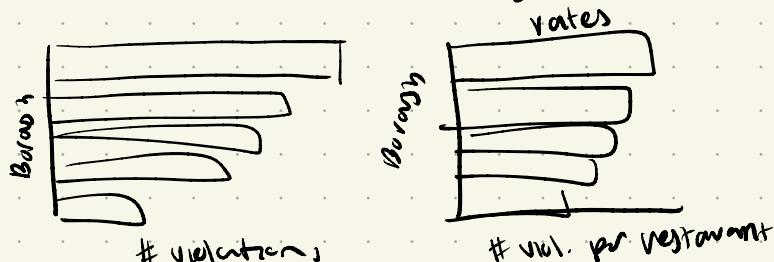


toggle my region of NYC to same space & add & interacting

number violations between 2019 - 2023



number violations per borough

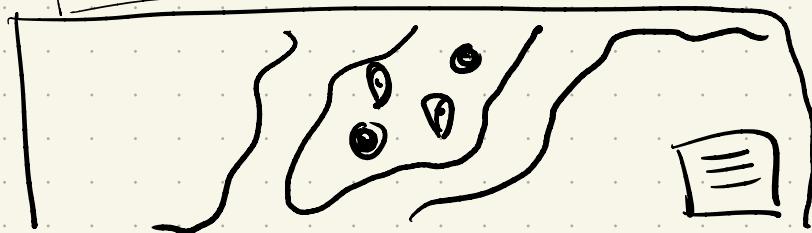


number violations with Respect to Income



Top 500 Restaurants

toggle region



Summary of few key aspects of data

- # restaurants per borough
- # restaurants per cuisine
- introduction

visualize trends over time

- how do violations change over years?
- by month?
- why is this the case?

highlight rates of violations issued & how it compares to # of restaurants per borough

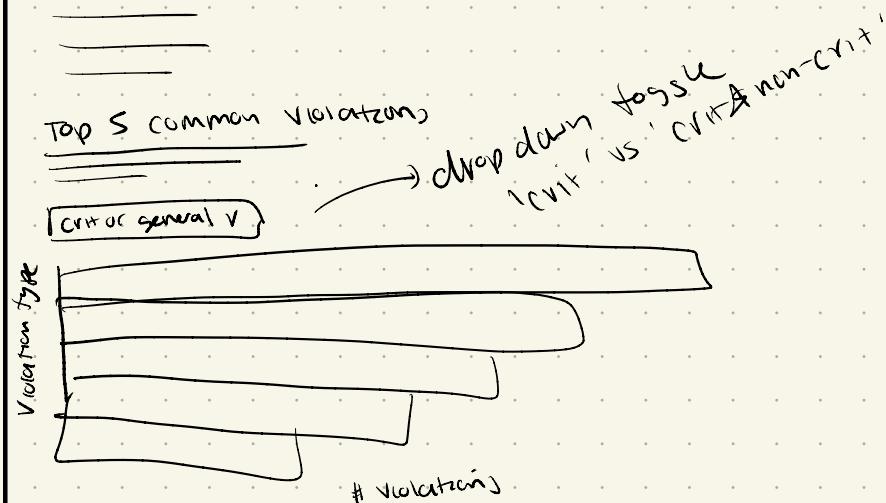
how do violations change by income of neighborhood?

- do lower income neighborhoods have more violations, or is it the opposite?

get users curious & enable self exploration of some of the data & violations for specific areas & restaurants - maintain engagement

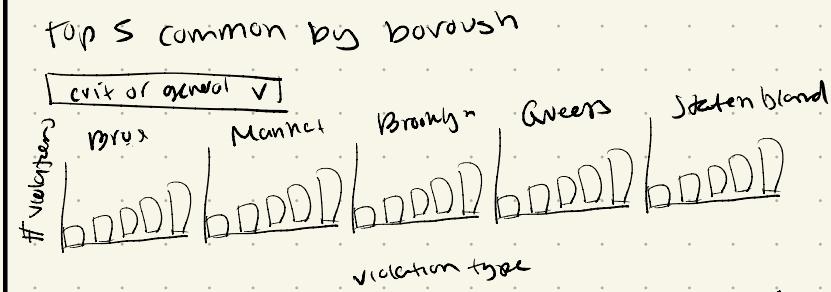
VIOLATIONS

Trends in health code violations

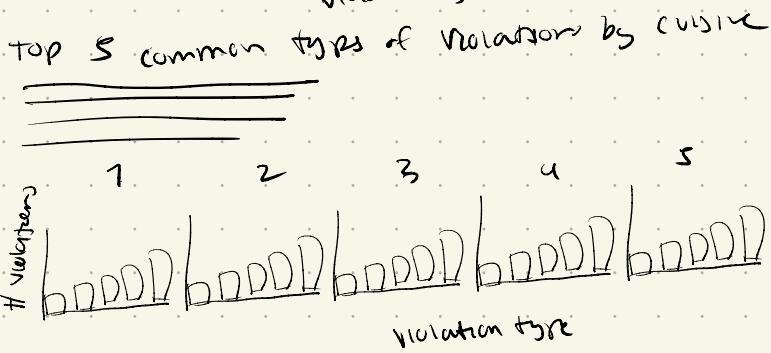


Overview of page

Show trends in top violations
(crit & general so people can choose what to output without it taking too much space)



Facet graph
for smooth comparisons
btw boroughs,
identifies consistencies & differences



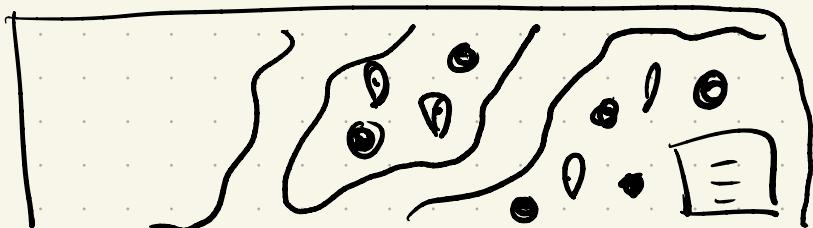
Same as above but for cuisines.

Explore restaurants with top 10 crit violations

10) violations

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

Select violation



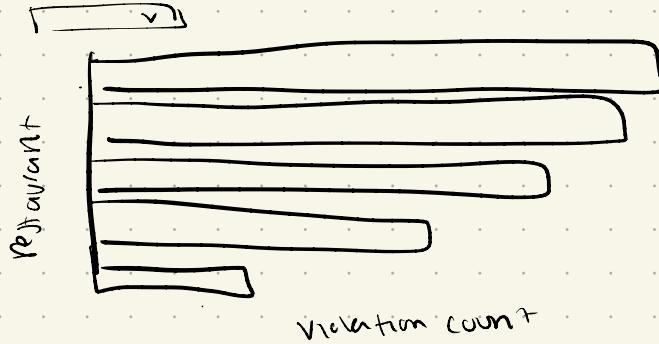
Give users the chance to explore which restaurants had violations that are in the top 10 most common critical list. There are most concerning so we wanted to highlight them specifically

TEXT ANALYSIS

Text Analysis in most recent Google Reviews

Note: limitation to 5 recent reviews

top 10 restaurants with the most health code violation,
select Borough



goal

highlight data we collected and for what restaurants to awareness

Most common words in recent restaurant reviews

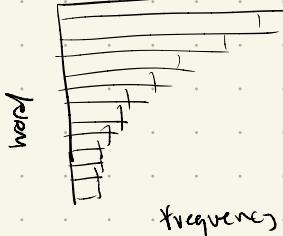
Select a region

region ✓

bread Food nice
Food nice
Delivery -

Select a region

region ✓

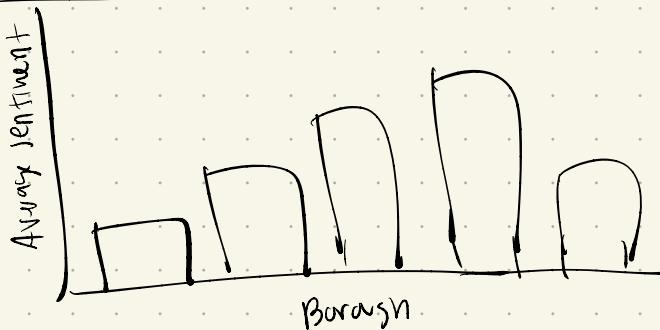


goal

begin showing that reviews remained positive despite high violation counts

- show popular words in cloud but quantify it with the bar graphs
- also allow comparison between regions

Sentiment analysis of reviews by Borough



} explain sentiment & sentiment analysis

- show whether or not reviews were negative or positive & how it aligns with the word clouds & frequency analysis

- closing argument that health code violations do not necessarily impact experience