

The background is a dark blue field decorated with an abstract pattern of small squares and thin vertical lines. The squares are in various colors: pink, orange, and teal. Some are solid, while others are hollow outlines. The lines are thin and white, extending vertically across the frame.

Your Next Restaurant in NYC Should...

Leslie Rosario
Shadman Samad

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Objective

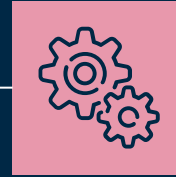
Opening a
restaurant in NYC



02

The Dataset

Restaurant &
Violation Data



03

Actionable Insights

What the data
recommends

Objective

Identify factors impacting survivability and closure prevention of restaurants.



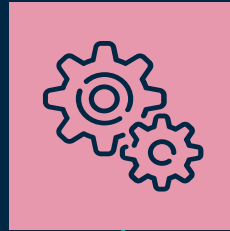
Dataset

- restaurant_data
 - 27,483 Restaurants in NYC
- violation_data
 - 8,706 closures by NYC DOHMH
 - 243,860 reported violations
 - 2015 - 8/2022

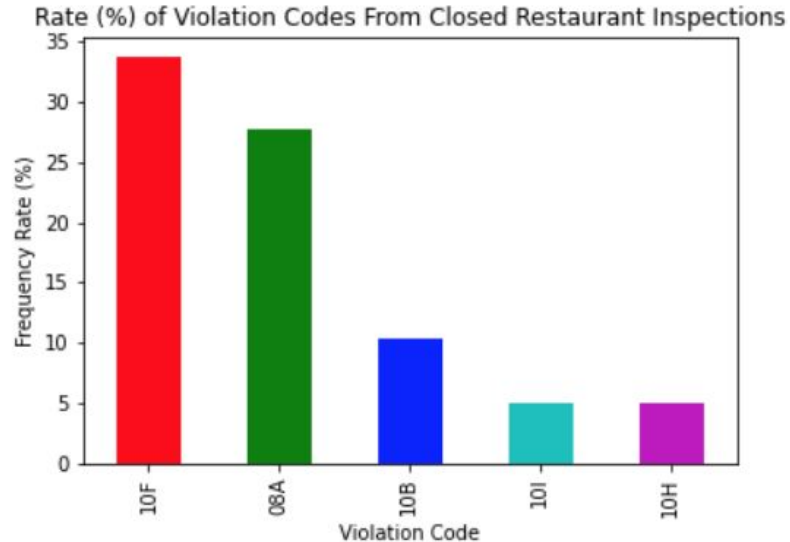


Actionable Insights

Parsing the data to create
actionable insights for opening
a surviving restaurant in NYC

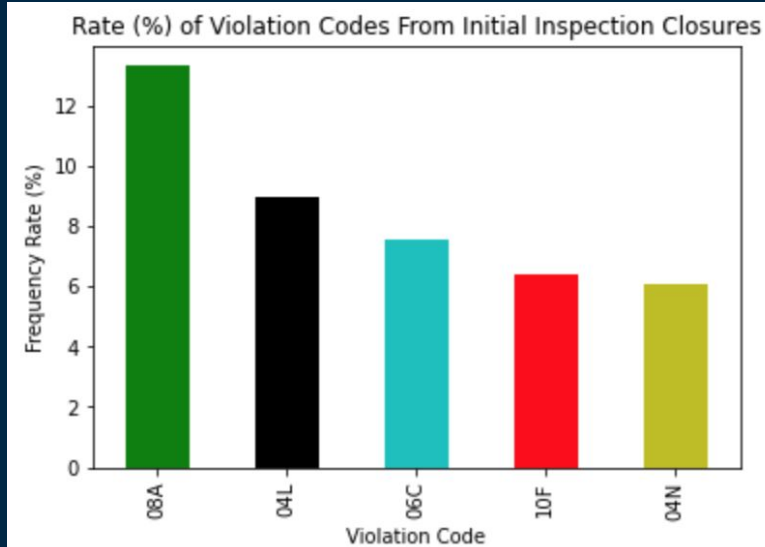


Violation Code Closure Rate



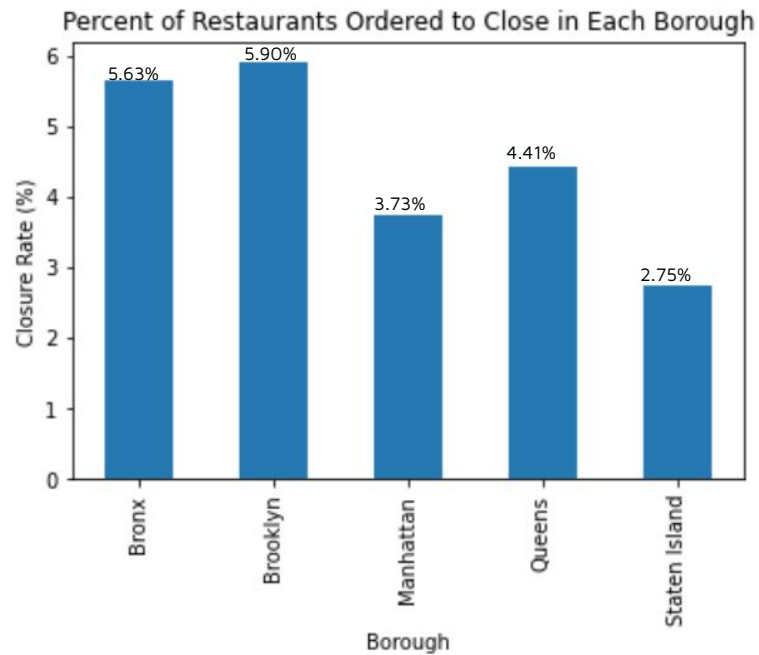
- **10F** - "Non-food contact surface improperly constructed. Unacceptable material used."
- **08A** - "Facility not vermin proof."
- **10B** - "Plumbing not properly installed or maintained; Backflow prevention device not provided where required."
- **10I** - "Single service item reused, improperly stored, dispensed; not used when required."
- **10H** - "Proper sanitization not provided for utensil ware washing operation. Single service article not provided."

Violation Code Closure Rate

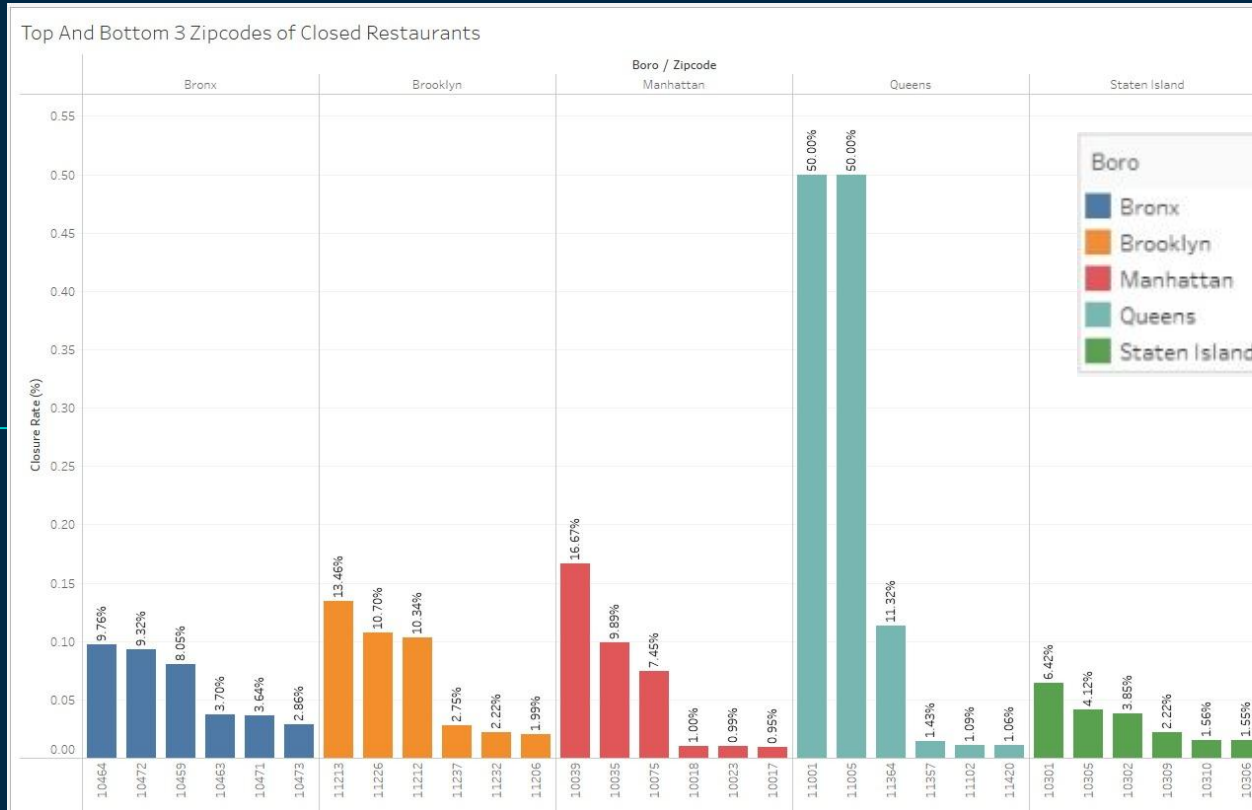


- **08A** - "Facility not vermin proof."
- **04L** - "Evidence of mice or live mice in establishment's food or non-food areas."
- **06C** - "Food not protected from potential source of contamination during storage, preparation, transportation, display or service."
- **10F** - "Non-food contact surface improperly constructed. Unacceptable material used."
- **04N** - "Filth flies present in facility's food and/or non-food areas."

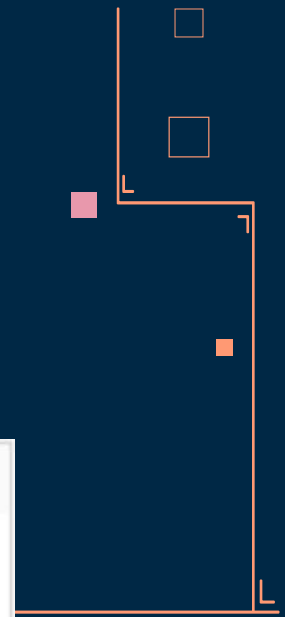
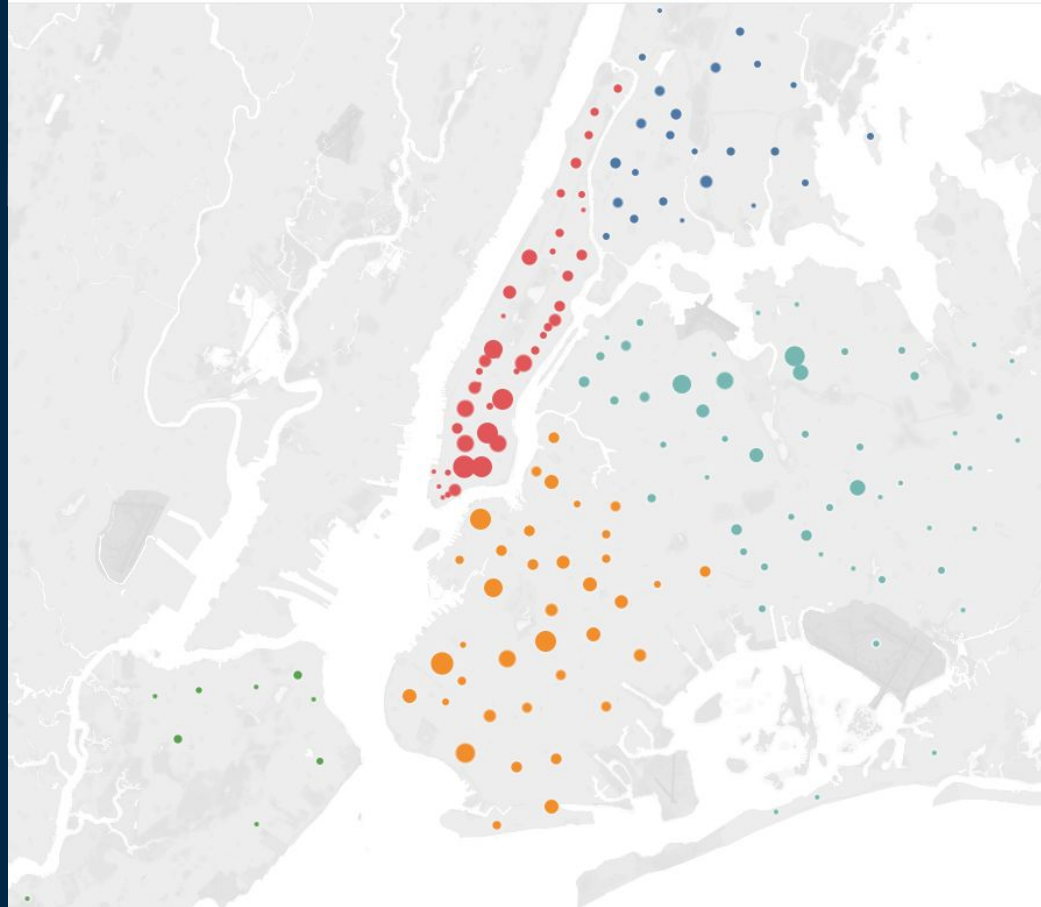
Location | Borough



Location | Zip Code & Borough Closures

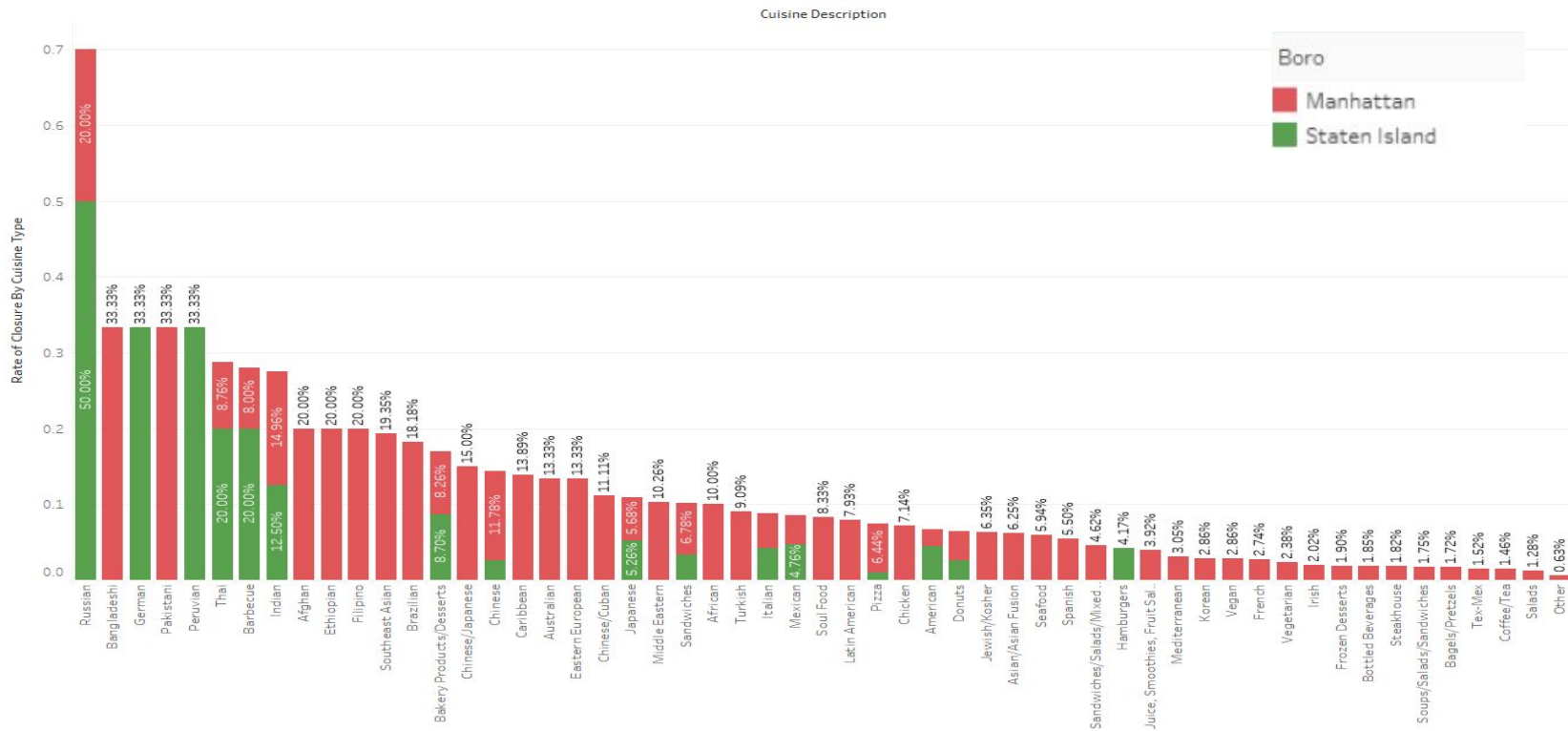


Location | Map of Restaurant Closures



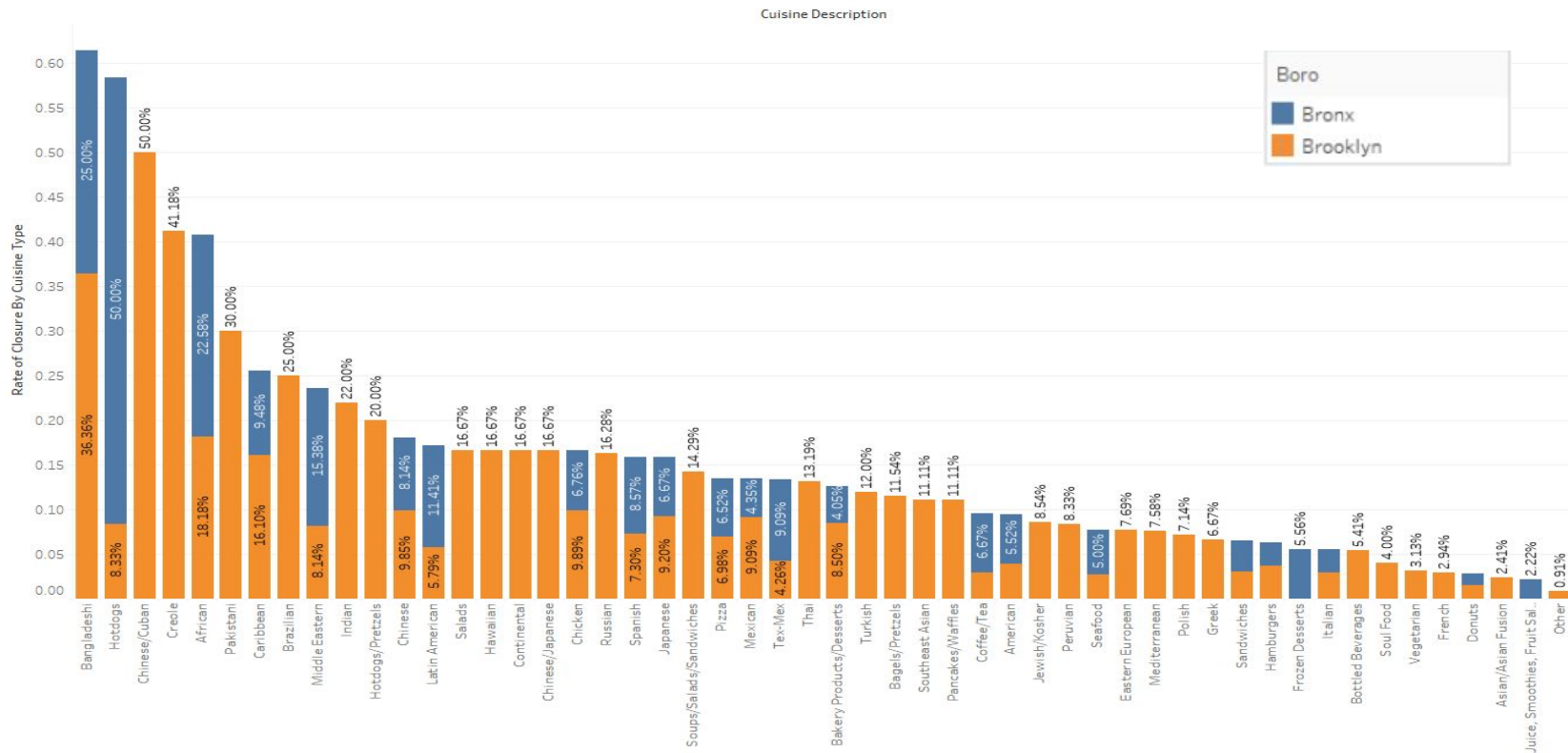
Cuisine Type | Man. | S.I.

Most Common Cuisine of Closed Restaurants by Borough (Manhattan And Staten Island)

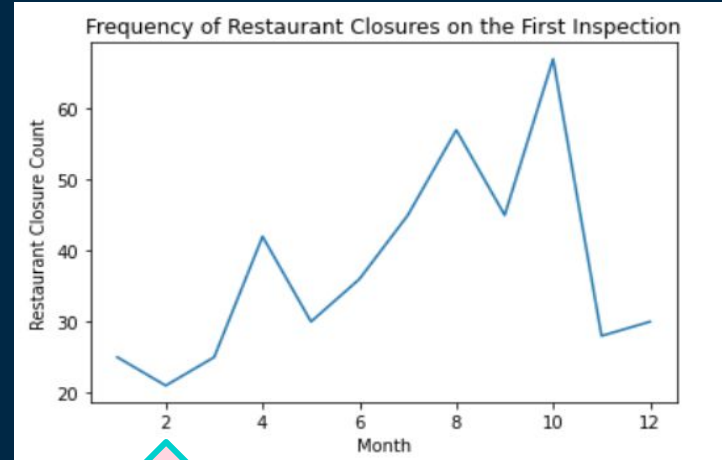


Cuisine Type | Bx | Bk

Most Common Cuisine of Closed Restaurants by Borough (Bronx And Brooklyn)



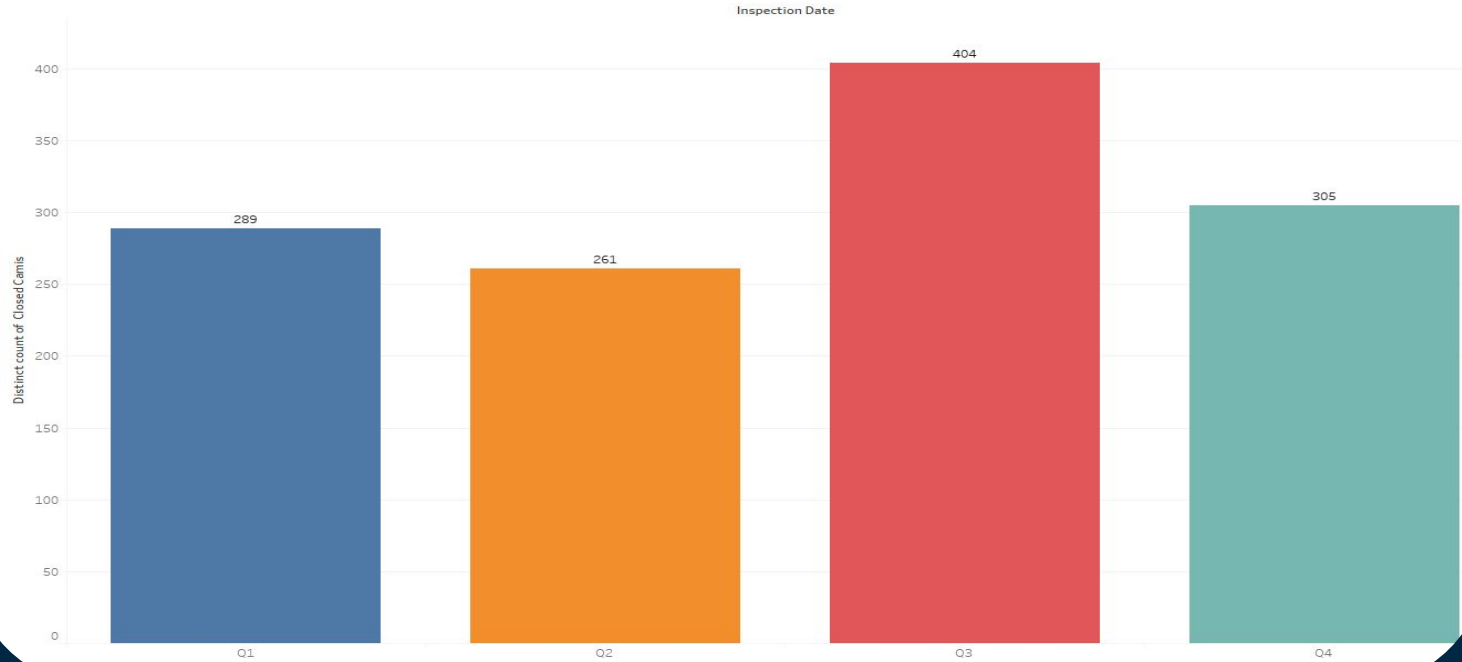
Opening Date?



Opening Date?



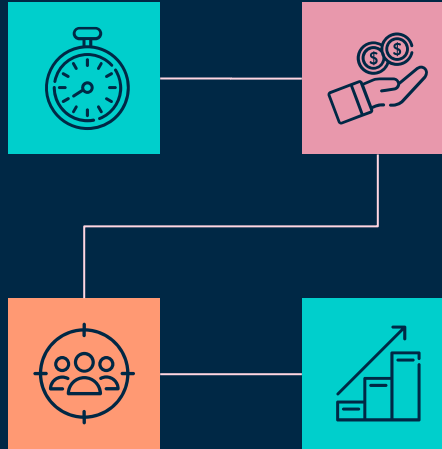
Which Quarter Had The Most Closures



OUR SOLUTIONS

Time of Year

Open in Q1



Violations

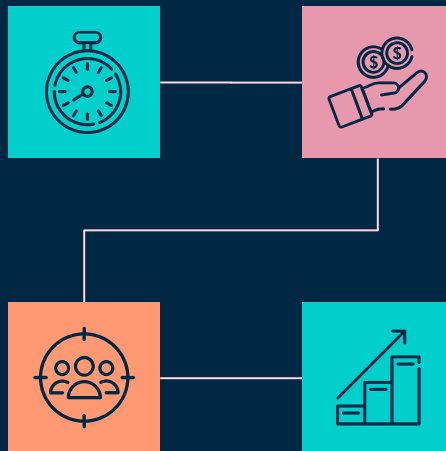
Avoid there public health violations that are most likely to result in an immediate closure:

- 08A
- 04L
- 06C
- 10F
- 04N
- 06C
- 10H
- 10I

OUR SOLUTIONS

Location

Open in Staten
Island &
Manhattan



Cuisine Type

Cuisine types you should
avoid basing your
restaurant on are:

Manhattan

Bangladeshi
Pakistani

Staten Island

Russian
German
Peruvian

Do you have any questions?

THANKS

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