

*City of San Francisco*

# Restaurant reviews don't tell the whole story

# 25 Million

300,000

1 / 280

# 100%

## Reading reviews is not always enough



## Safe dining in San Francisco... can you really rely on the stars?

78

" C + "



## 7.4



## 3.9

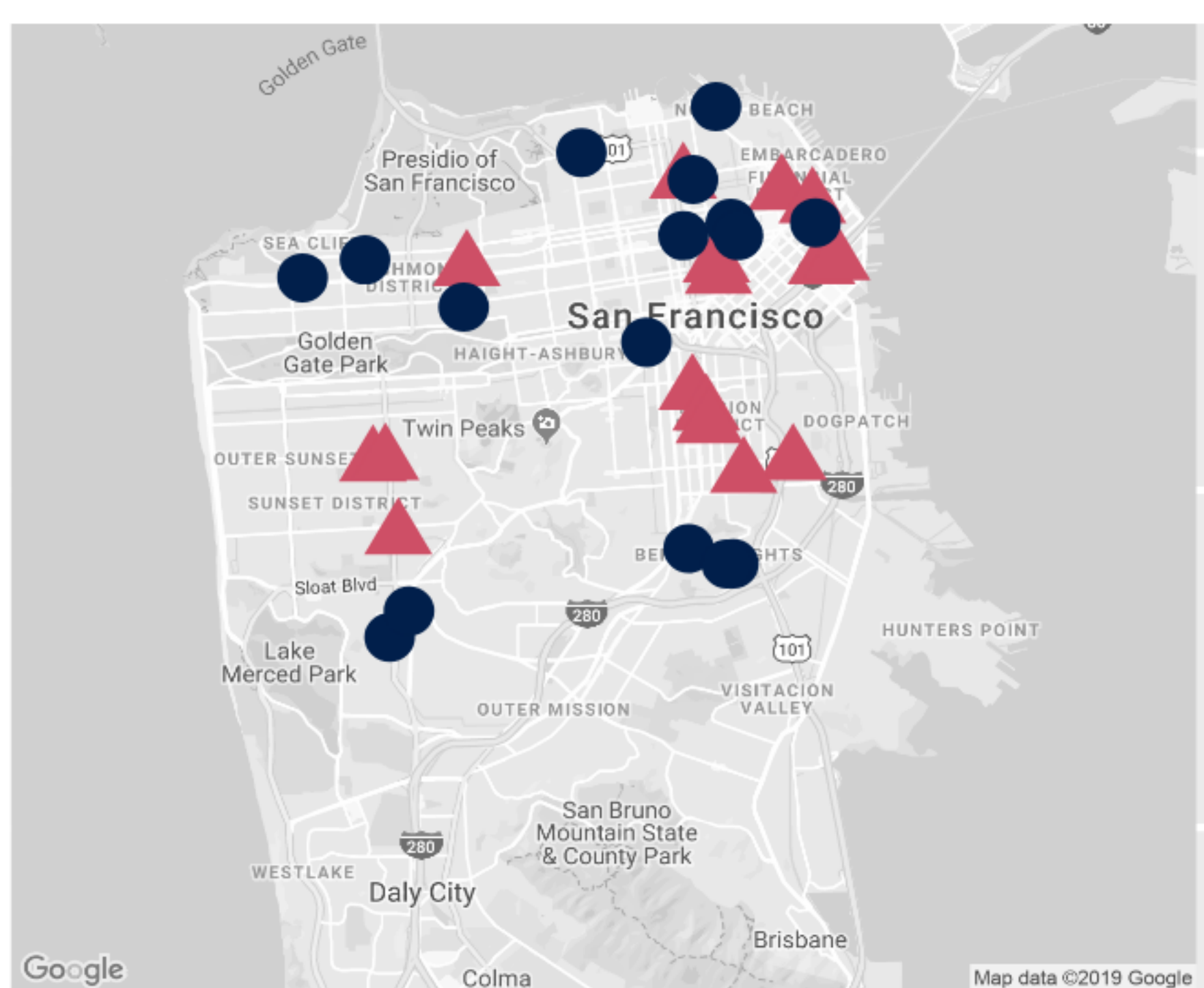
" C + "



555

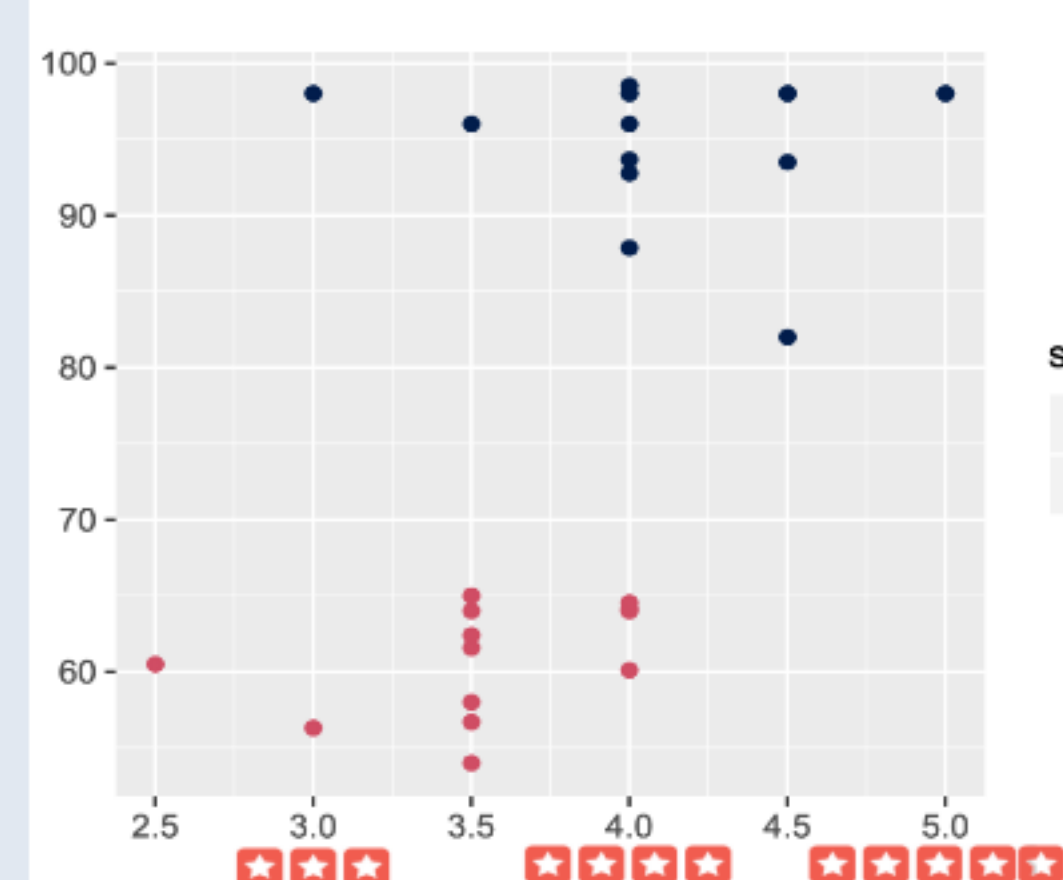


**No easy "hot spots" to avoid  
Unsafe restaurants are scattered  
throughout the city**

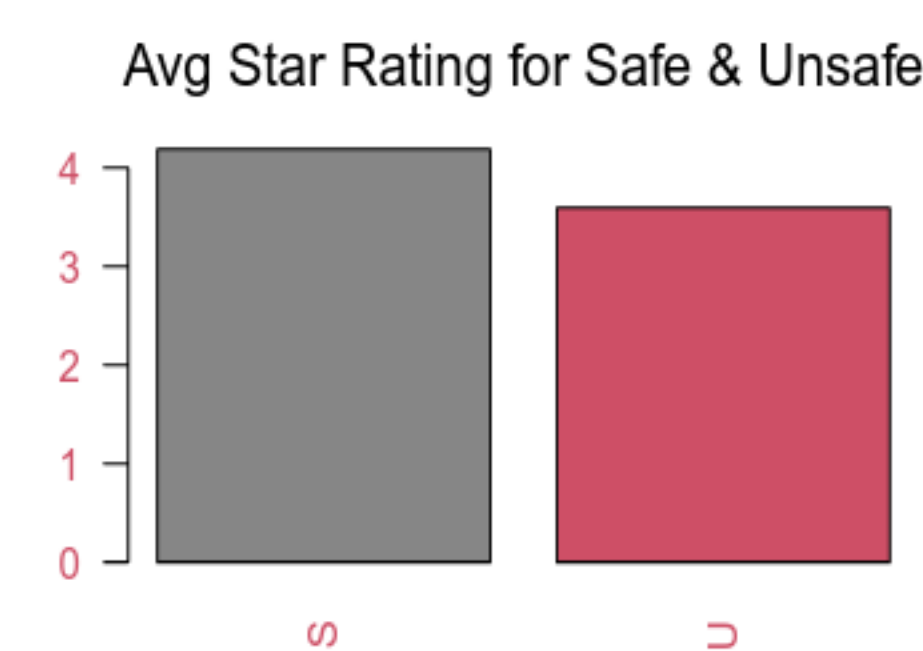


● Safe ▲ Unsafe

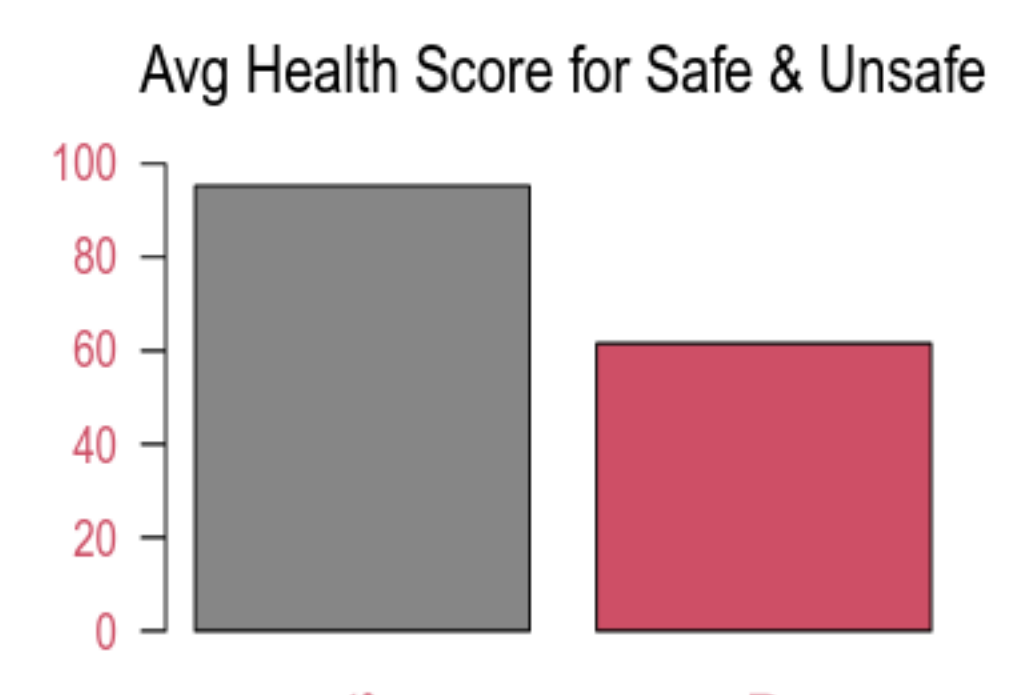
## Safe and Unsafe Have Similar Stars



**Average Star  
Ratings Only 1/2  
Star Different**



**Average Health Score Very Different**



Low Risk

### Moderate Risk

50%

Moderate and High Risk

High Risk

## Data

[illegible]

**Data Sources:** Health Score Data: Data sets downloaded from the city of San Francisco that lists all of the restaurant health inspection scores from the last three years, with detailed information about the inspection. Each inspection was given a score, from 1 to 100, as well as a “high” “medium” or “low” risk category. Most restaurants have multiple records representing multiple inspections over time or multiple violations on the same day.

Yelp Review Data: Yelp restaurant reviews are available to query via API. This data includes the number of stars, the number of total reviews, the text of 3 reviews, and other information about the business.

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Final Poster Project - - - 12.17.19