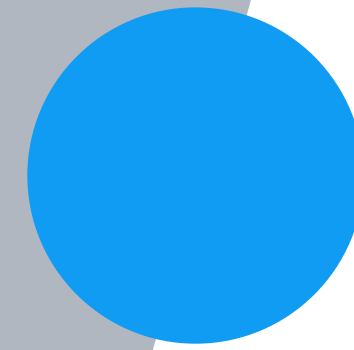


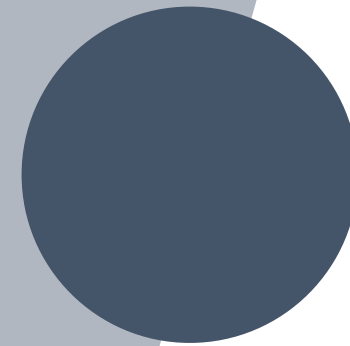
A map of New York City and its surrounding areas, including parts of New Jersey and Connecticut. The map is overlaid with a semi-transparent blue layer. Numerous small blue dots are scattered across the map, representing the locations of Airbnb listings. The dots are most densely clustered in the central part of the city, particularly in the areas around Manhattan and the Bronx. The text "Airbnbs in New York City" is written in large, white, sans-serif font across the center of the map.

Airbnbs in New York City

OUTLINE



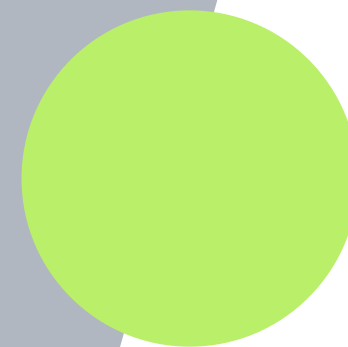
BACKGROUND



DATA



METHODOLOGY



CONCLUSION

BACKGROUND

50,000

Airbnbs
in NYC

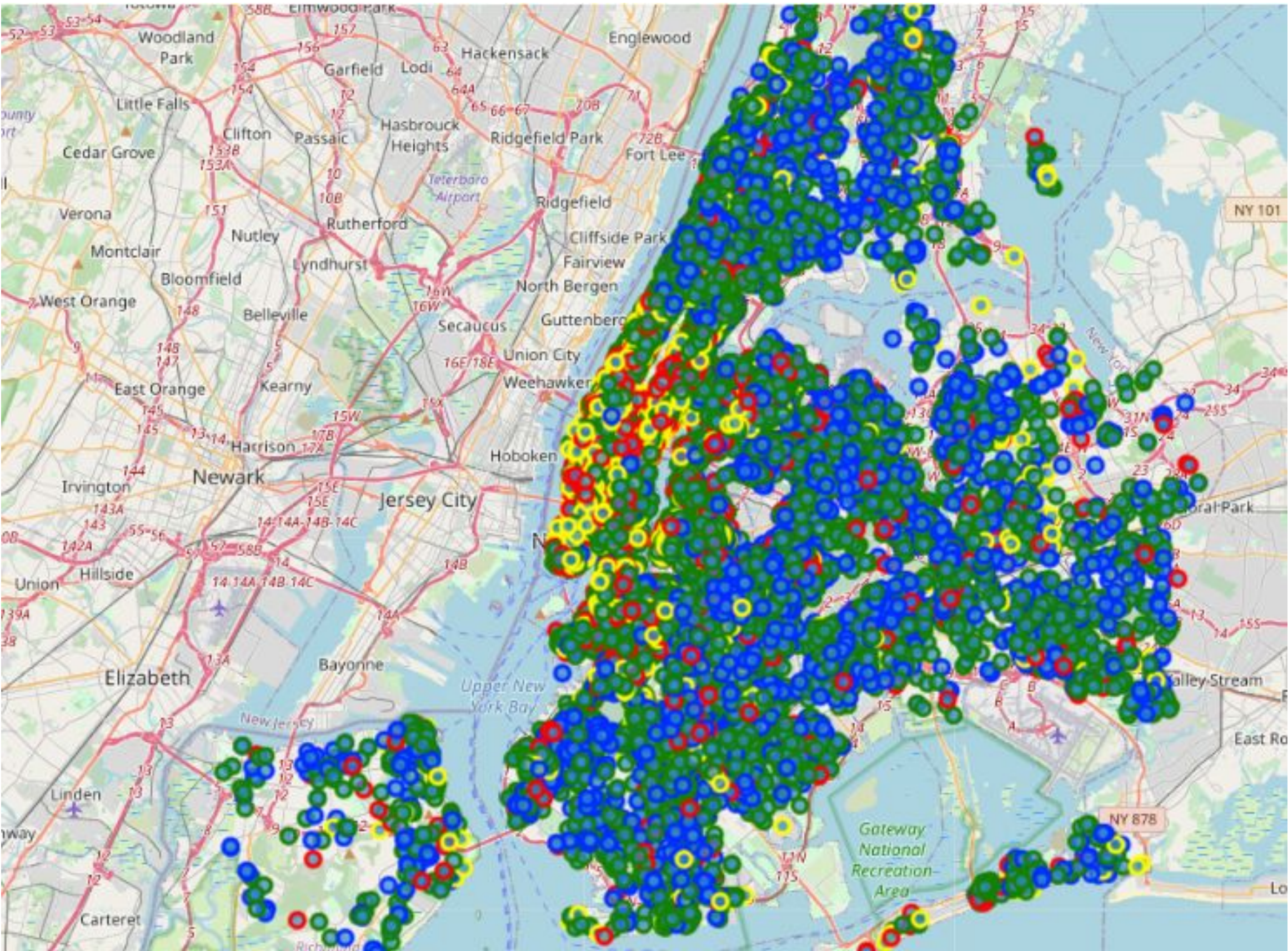
- Can search based on location
- Harder to search based on the amenities offered around it

Key question:
In what type of
neighborhood is this
Airbnb located?

DATA

- **Foursquare.com, Places API**
- **Kaggle.com, Public Airbnb Listing Dataset from 2019**

Airbnb Listings



> 250

> 170

>70

< 70

	price	minimum_nights	number_of_reviews	availability_365
count	48895.000000	48895.000000	48895.000000	48895.000000
mean	152.720687	7.029962	23.274466	112.781327
std	240.154170	20.510550	44.550582	131.622289
min	0.000000	1.000000	0.000000	0.000000
25%	69.000000	1.000000	1.000000	0.000000
50%	106.000000	3.000000	5.000000	45.000000
75%	175.000000	5.000000	24.000000	227.000000
max	10000.000000	1250.000000	629.000000	365.000000

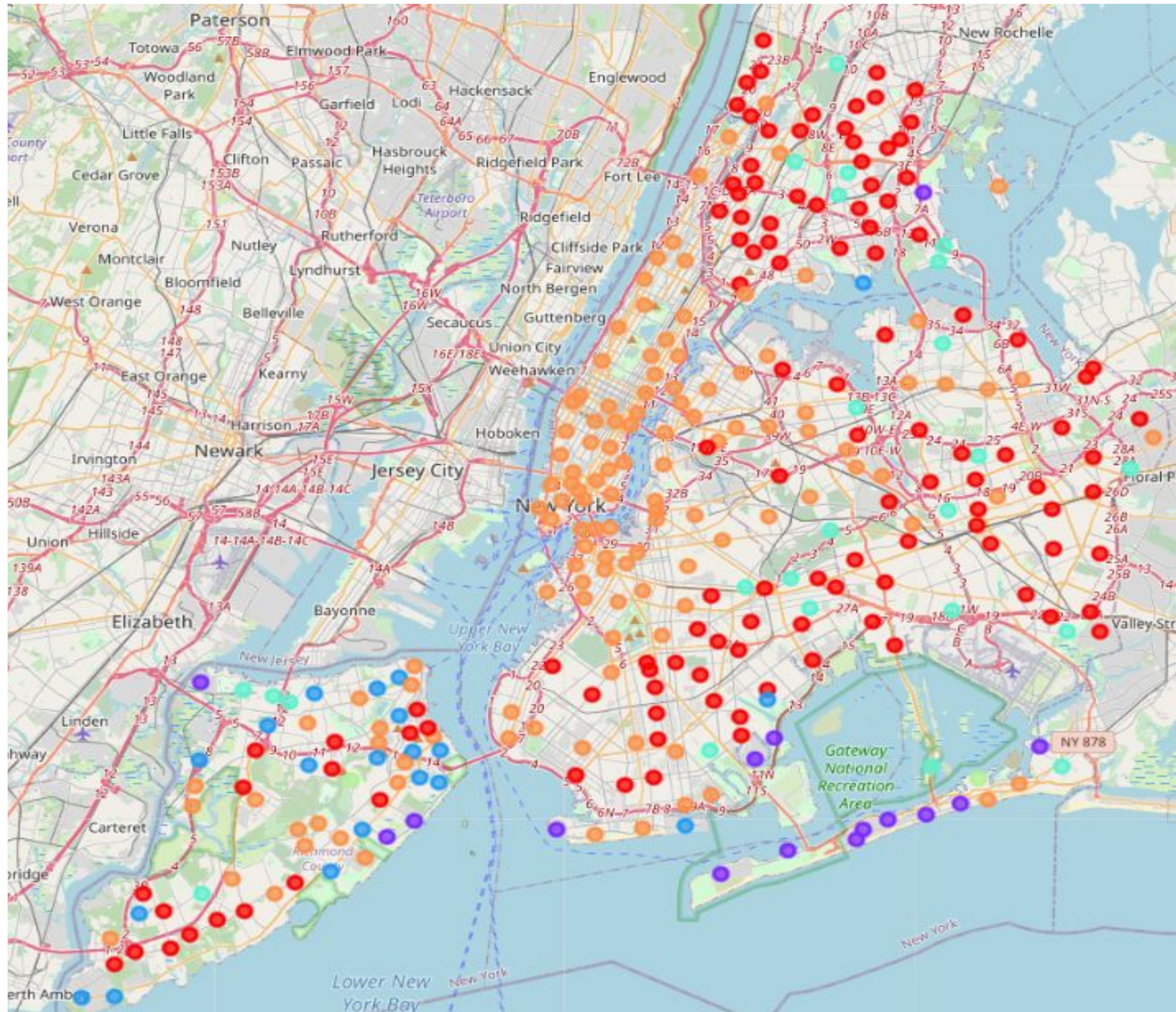
Airbnb listings based on prices.

Descriptive Statistics for Airbnb Listings

METHODOLOGY



Neighborhood Clusters based on Venue Type



parks
beaches
delis and bodegas
restaurants, shops and
amenities
residential restaurants
and amenities such as
gyms

CONCLUSION

- introduced a different angle in choosing short term housing
- analysed the types of venues that can be found in different neighborhoods
- categorized the different types of neighborhoods and picking the category that fits the needs of tourists best
- identified the best housing options within that type of neighborhood.