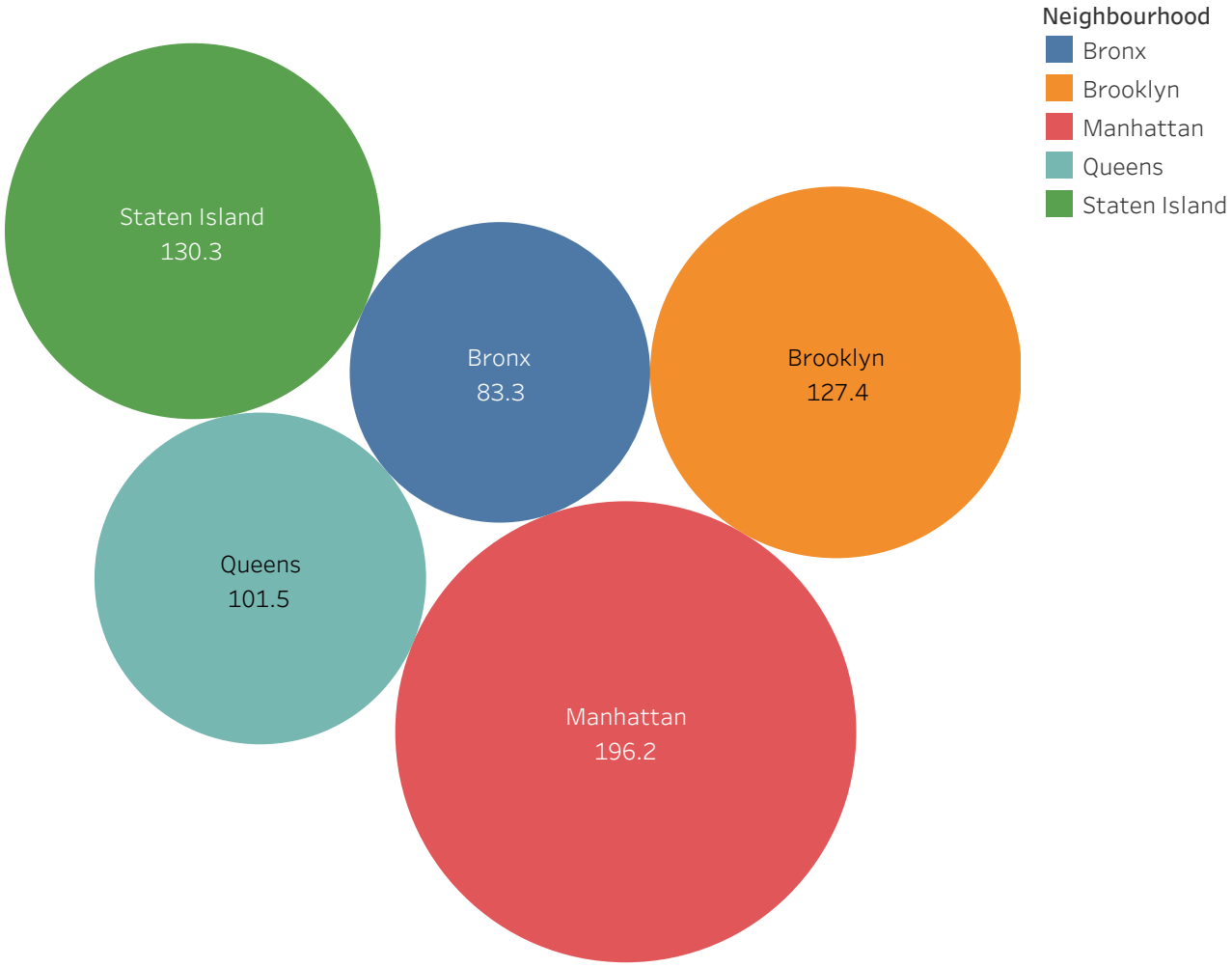
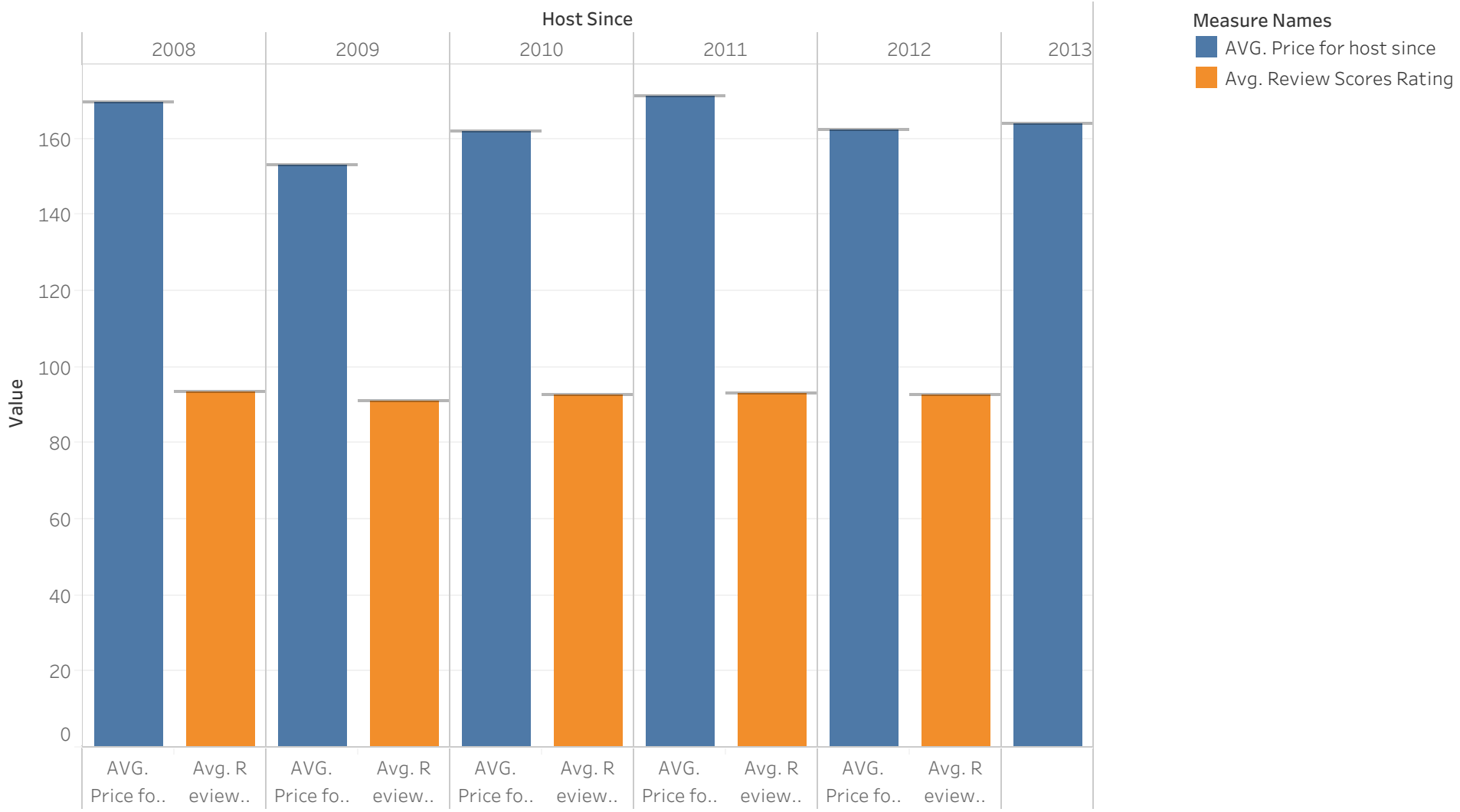
AVERAGE PRICE OF EACH NEIGHBOURHOOD

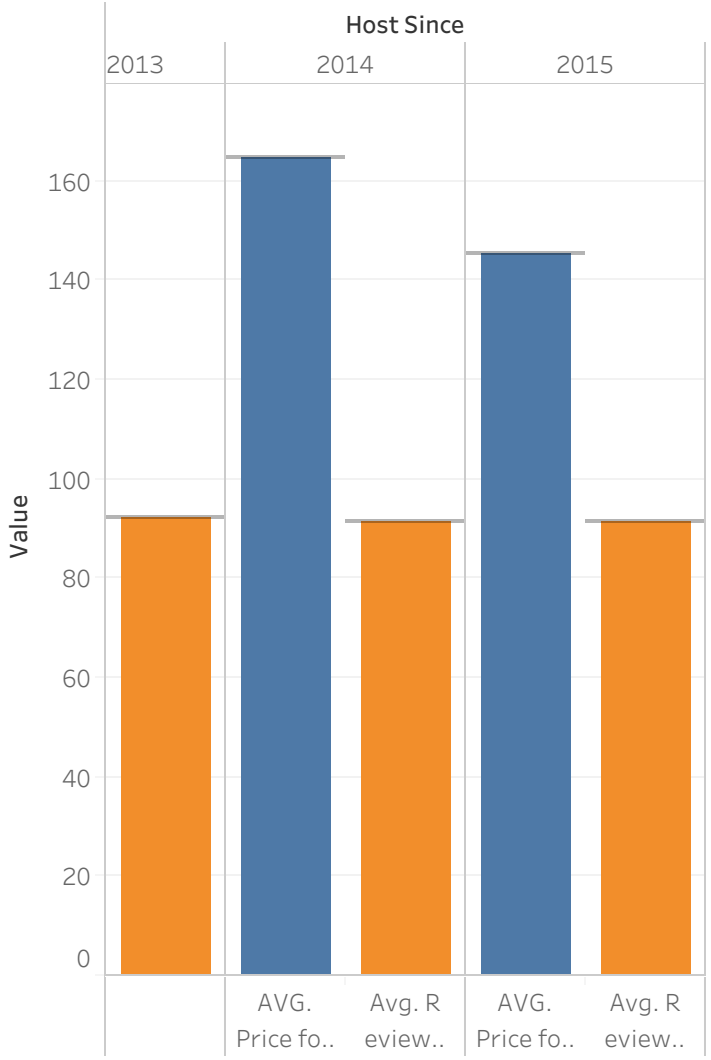


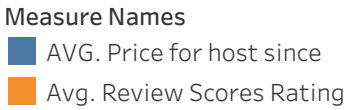
Neighbourhood
- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island

AVG PRICE and RATING BY YEARS HOSTED

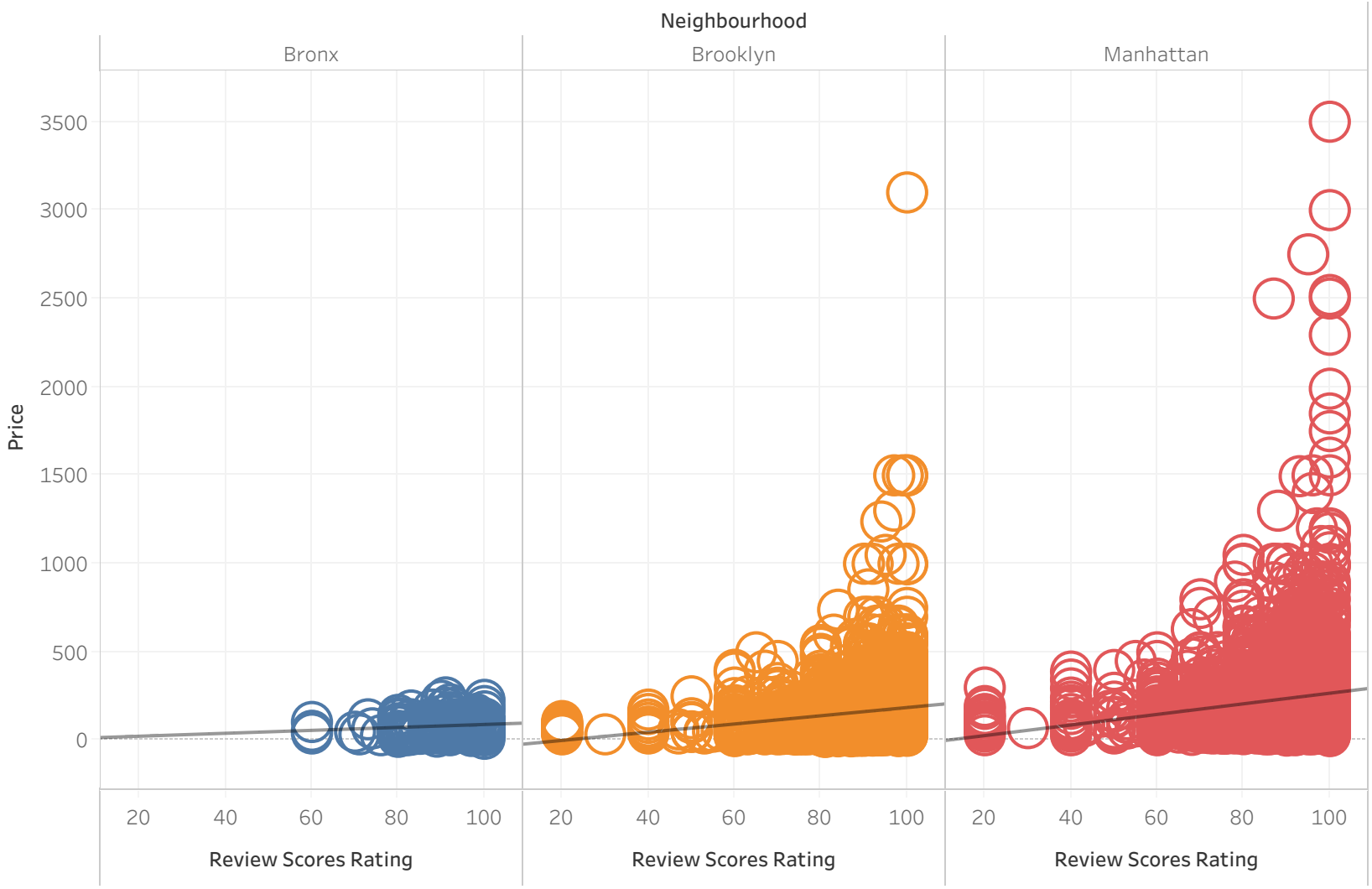


AVG PRICE and RATING BY YEARS HOSTED

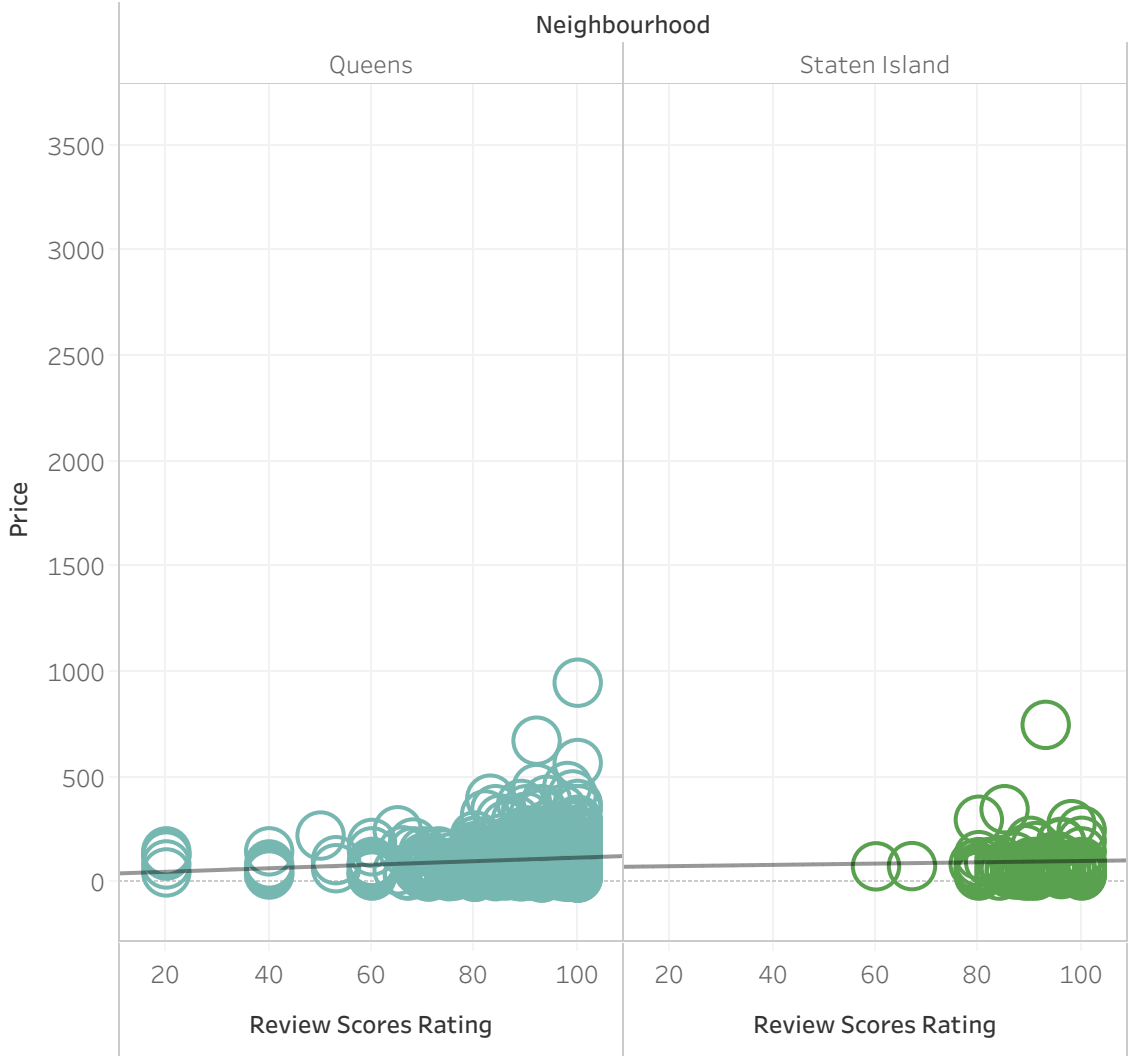




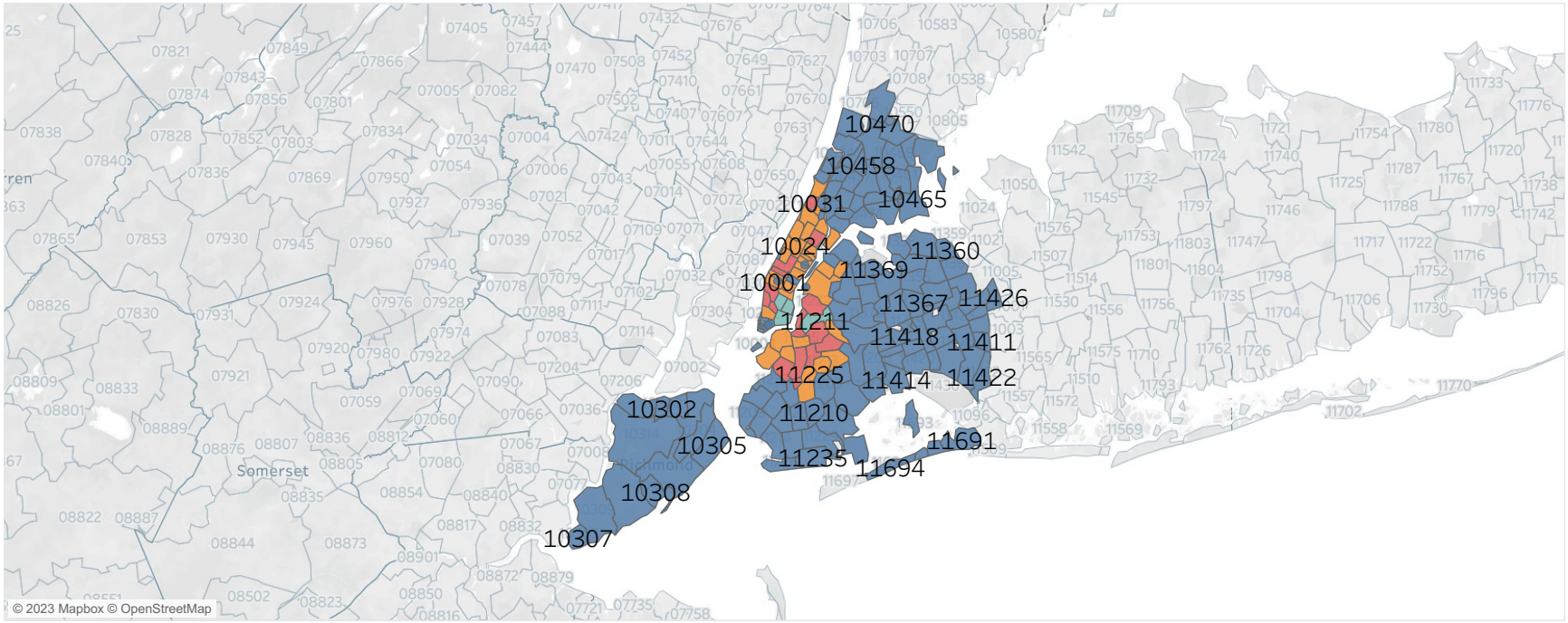
RATING AND ITS RELATIONSHIP W PRICE



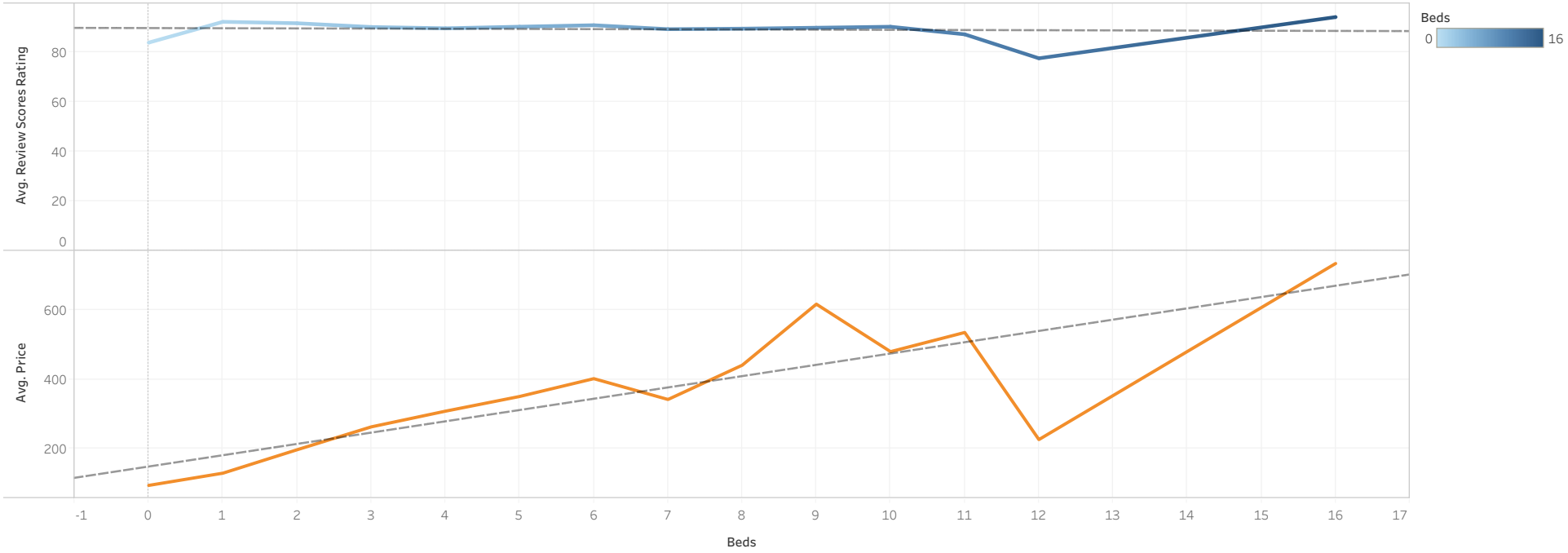
RATING AND ITS RELATIONSHIP W PRICE



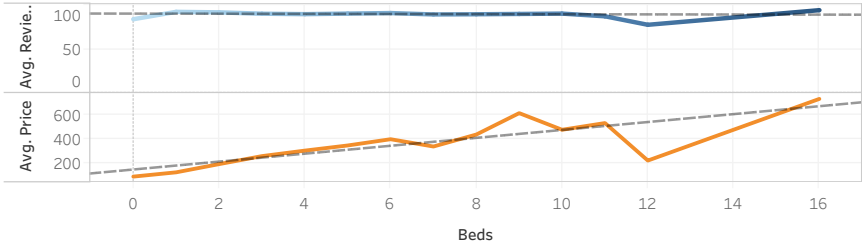
OF REVIEWS PER ZIPCODE



OF BEDS VS. AVG. RATING & PRICE

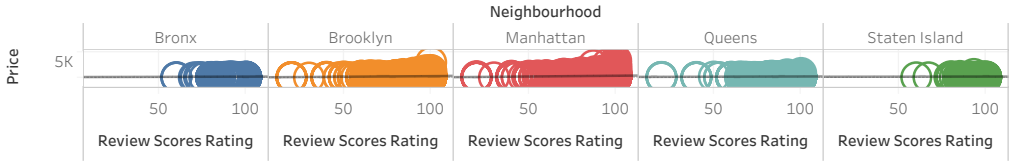


OF BEDS VS. AVG. RATING & PRICE



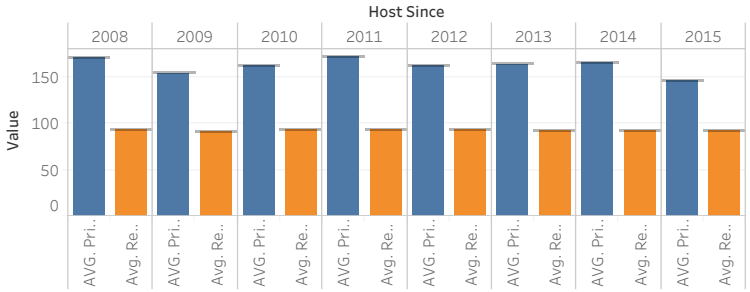
Price To 3962

RATING AND ITS RELATIONSHIP W PRICE



NEW YORK 5 BOROUGHS AIRBNB 2008-2015

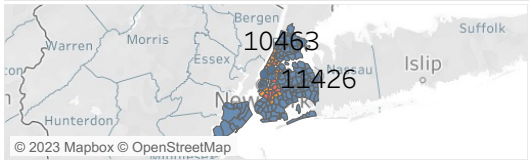
AVG PRICE and RATING BY YEARS HOSTED



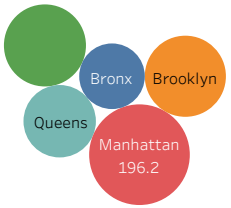
Clusters
- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4

Hide Cluster Legend

OF REVIEWS PER ZIPCODE



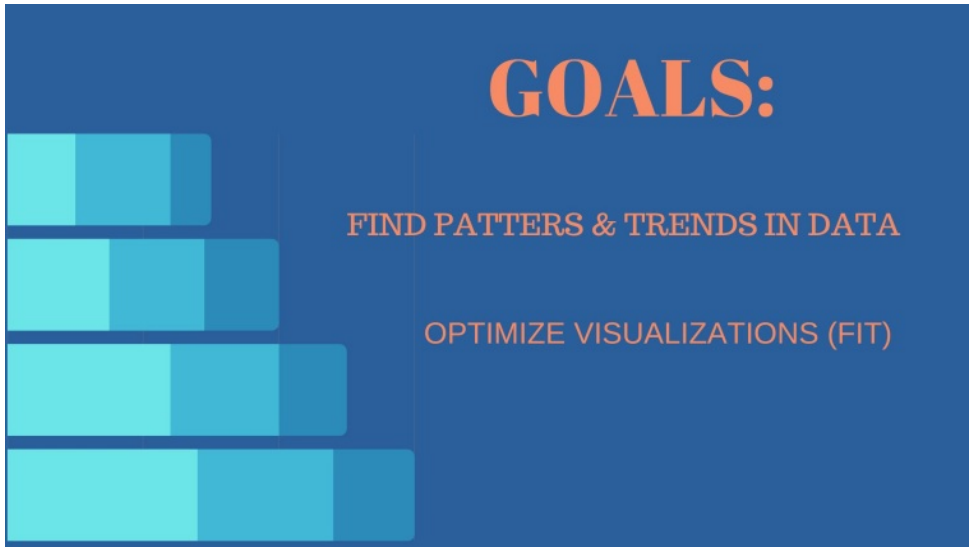
AVERAGE PRICE OF EACH NEIGH-BOURHOOD



NYC AirBnb Visualizations

1/12

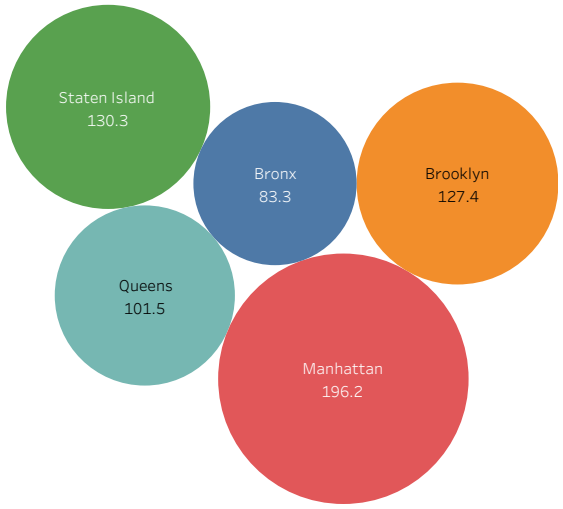
PROJECT FLOW
GOALS
PROCESS
VISUALIZATIONS
CHALLENGES
FUTURE GOALS

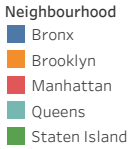

GOALS:
FIND PATTERS & TRENDS IN DATA
OPTIMIZE VISUALIZATIONS (FIT)

PROCESS:
Get familiar ,understand data fields exclude out-of-state zipcodes
Experiment with different visualizations
- find best fit to answer data questions
Create Dashboard , layout , declutter - remove legends , focus on user-experience ie. interactive ,customizeable , appealing colours
Create Story

NYC AirBnb Visualizations

5/12

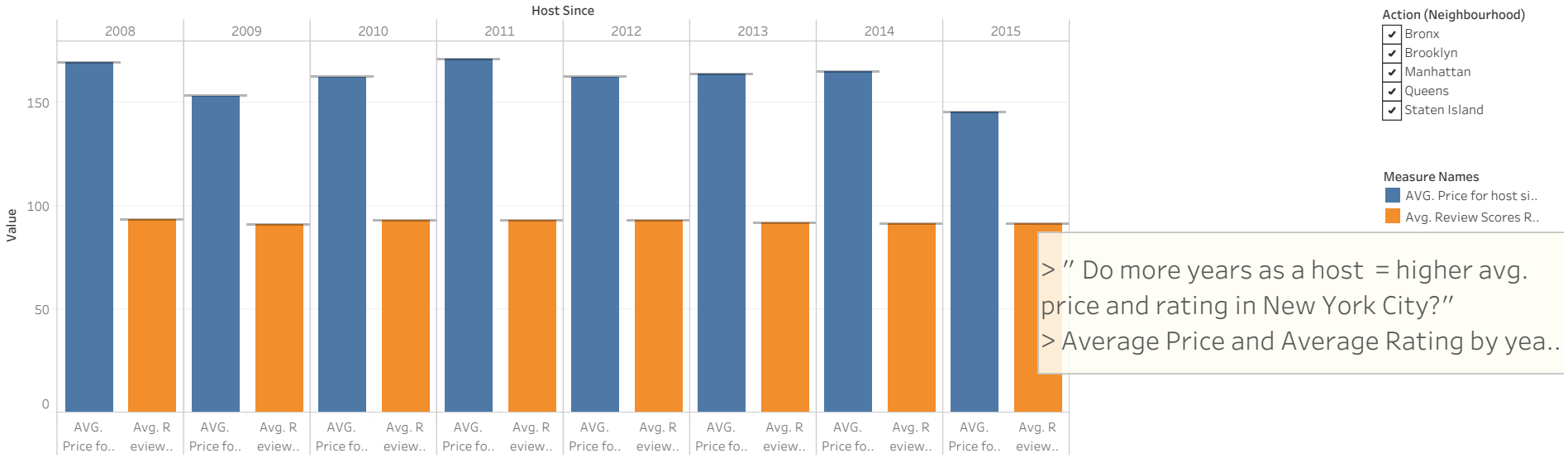




> easily discernable colours per borough
> Business question (airbnb rental property buyers) :
"Most expensive neighbourhood in NYC on average?"

NYC AirBnb Visualizations

6/12



> ” Do more years as a host = higher avg. price and rating in New York City?”
> Average Price and Average Rating by yea..

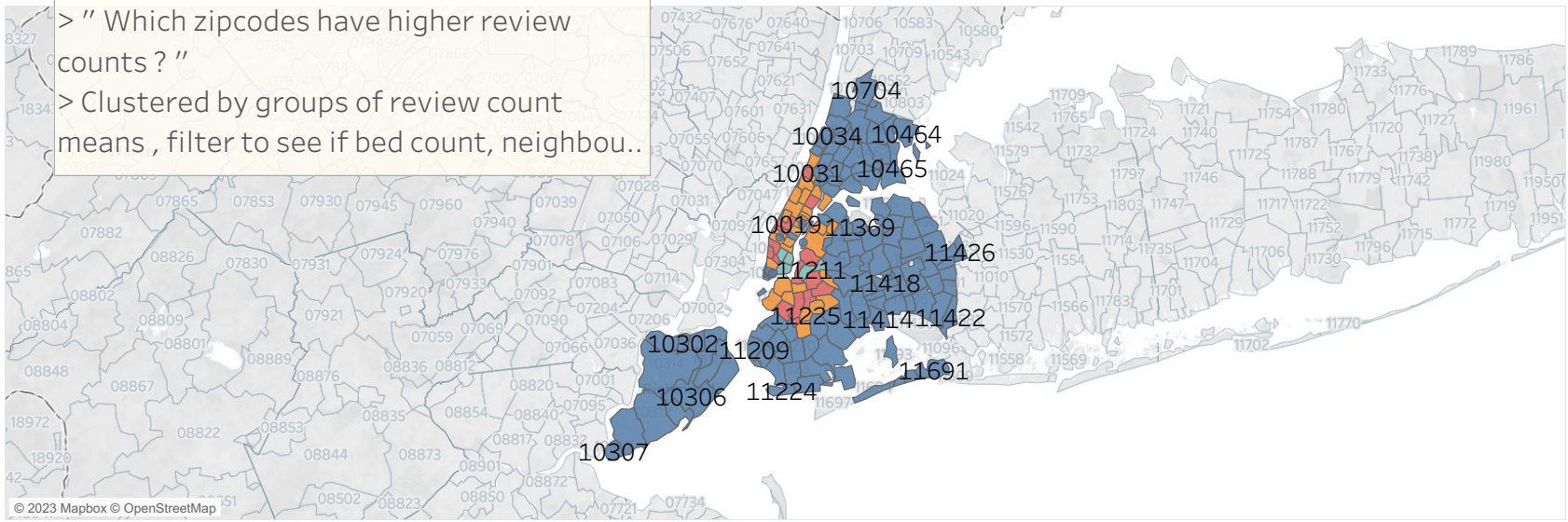
NYC AirBnb Visualizations

7/12

NYC AirBnb Visualizations

8/12

> ” Which zipcodes have higher review counts ? ”
> Clustered by groups of review count means , filter to see if bed count, neighbou..



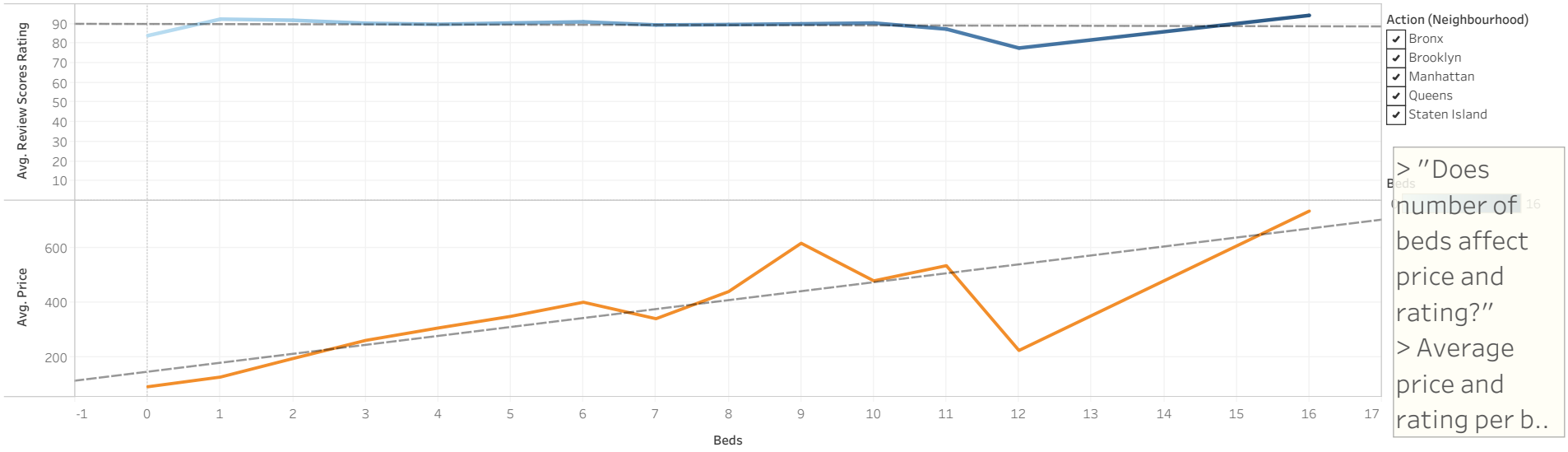
Action (Neighbourhood)
- Bronx
- Brooklyn
- Manhattan
- Queens
- Staten Island

Action (Beds)
- Null
- 0
- 1
- 2
- 3
- 4
- 5
- 6

Clusters
- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4

NYC AirBnb Visualizations

9/12

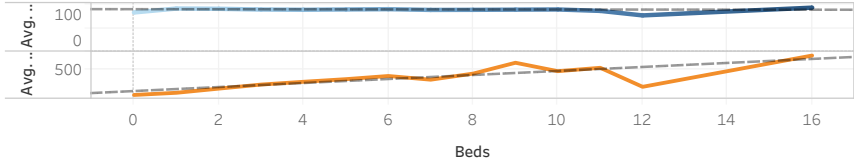


> "Does number of beds affect price and rating?"
> Average price and rating per b..

NYC AirBnb Visualizations

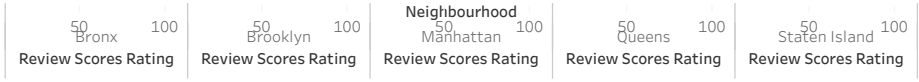
10/12

OF BEDS VS. AVG. RATING & PRICE



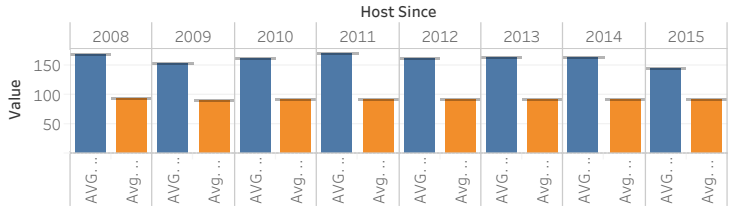
Price To 3962

RATING AND ITS RELATIONSHIP W PRICE



NEW YORK 5 BOROUGHS AIRBNB 2008-2015

AVG PRICE and RATING BY YEARS HOSTED

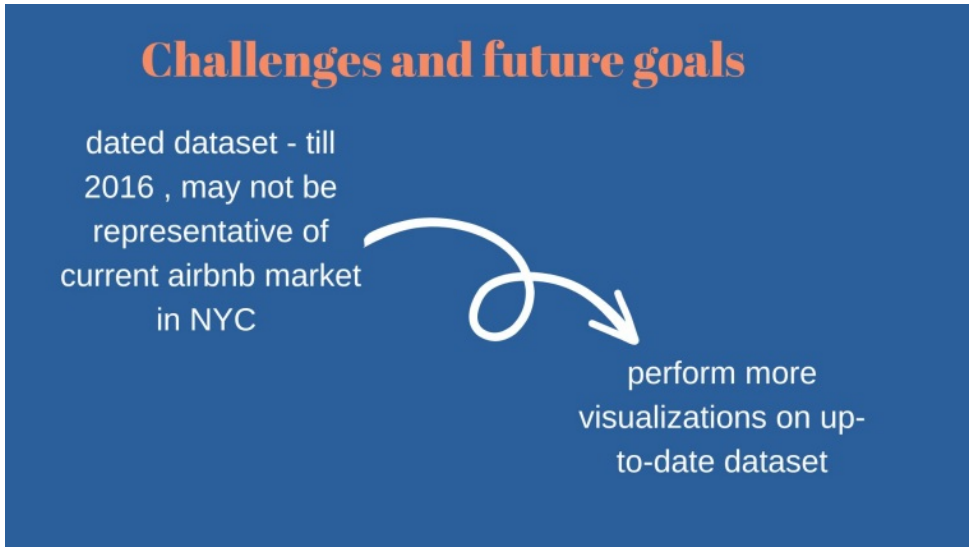


Clusters
- Cluster 1
- Cluster 2
- Cluster 3
- Cluster 4

Hide Cluster Legend

OF REVIEWS PER ZIPCODE

AVERAGE PRICE OF EACH NEIGH-BOUR-HOOD


Challenges and future goals
dated dataset - till 2016 , may not be representative of current airbnb market in NYC
perform more visualizations on up-to-date dataset

Thank you!