PROJECT

Data Visualization and Dashboards with Tableau

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PROJECT GOALS

The goal of this project, is to visualize and analyze Airbnb data in NYC.
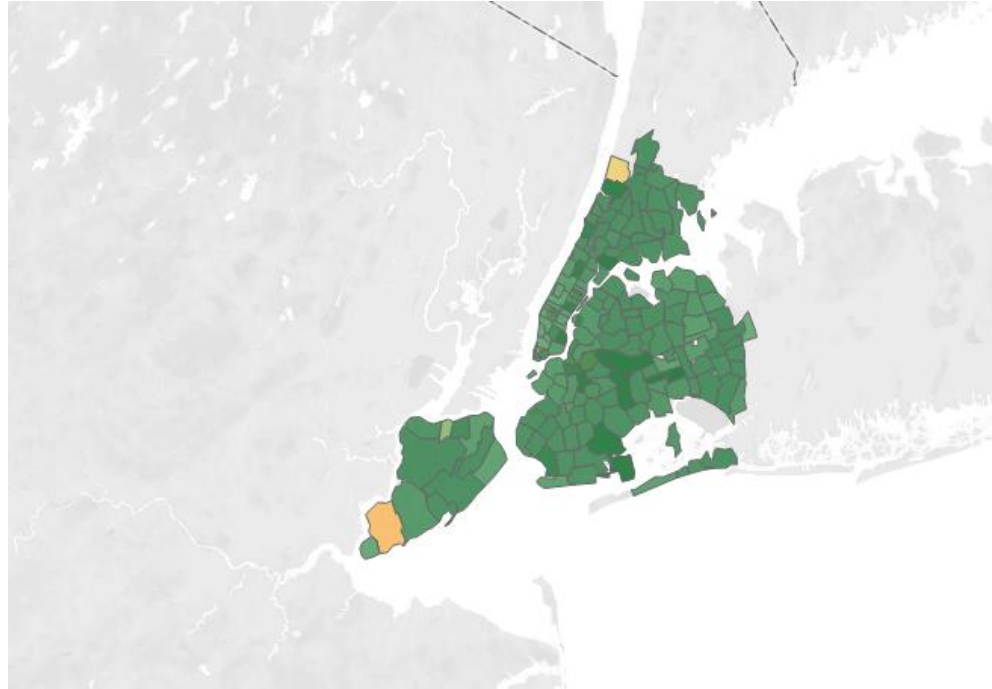
Answer below questions:

- Try to find if there is any correlation between location, number of beds, property type and AVG price.

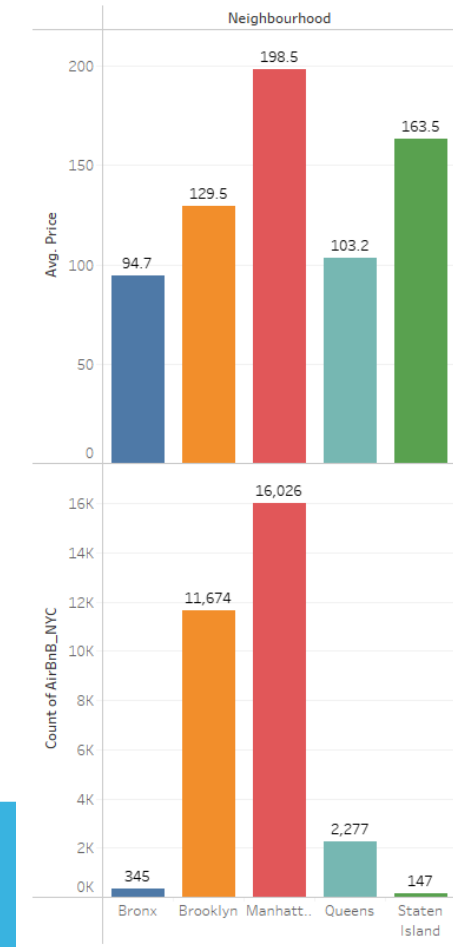- Predict the growth of hosts in two years

DASHBOARD LINK

public.tableau.com/app/profile/mohammed.abubaker/viz/LHL_Project/Dashboard1?publish=yes
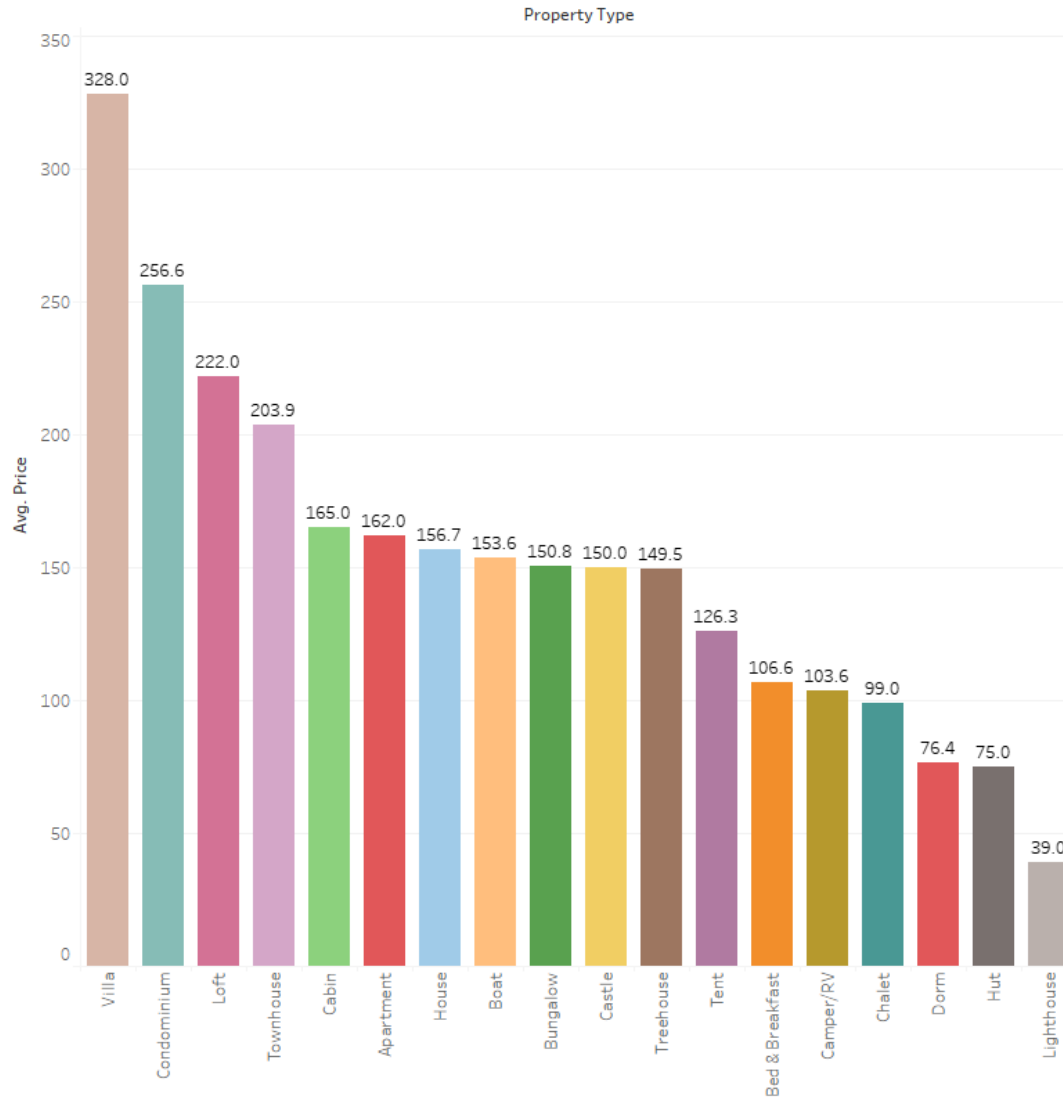
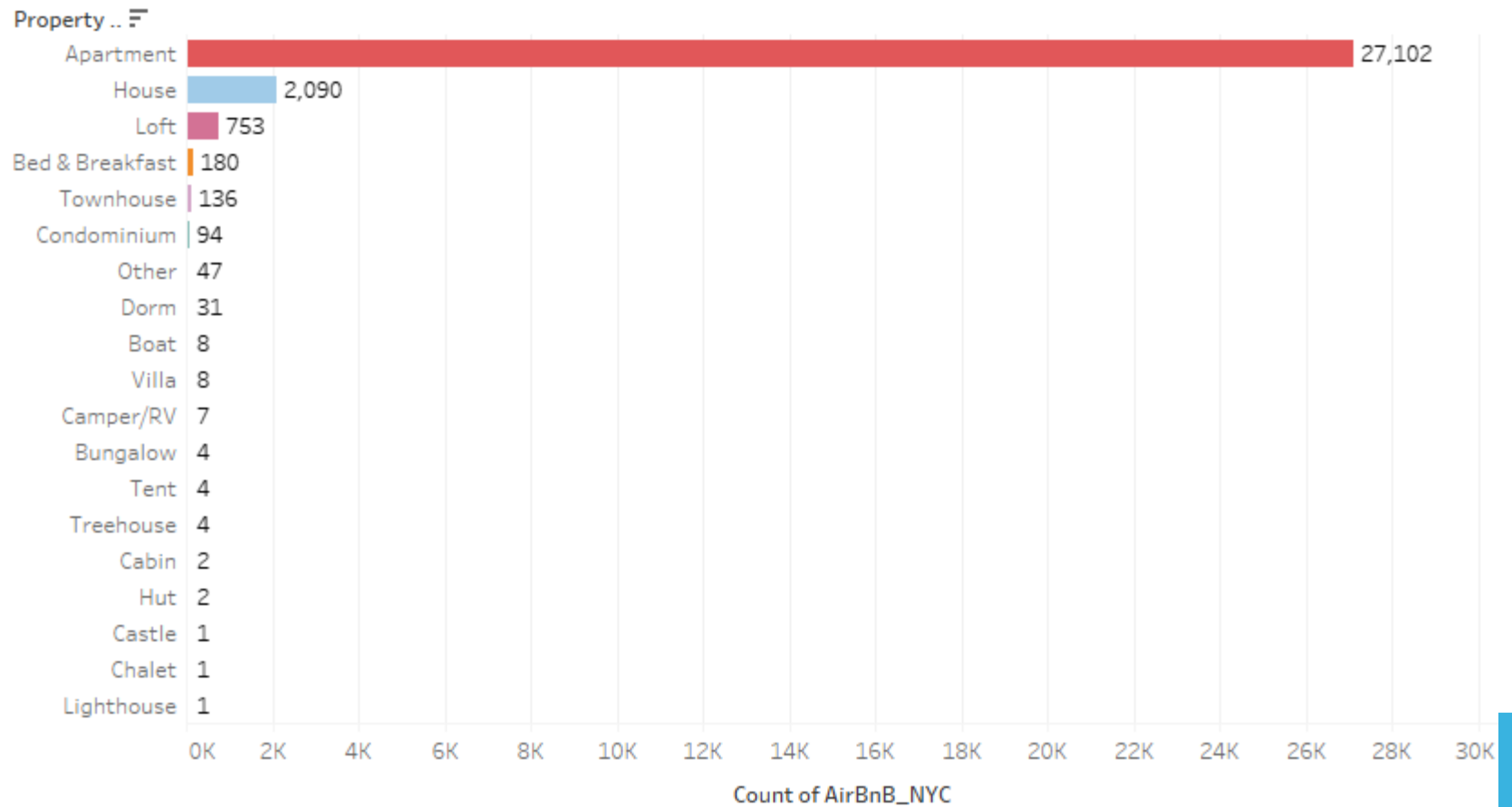**Staten Island and Bronx are the most expensive areas with average price of $850 and $757 per night**

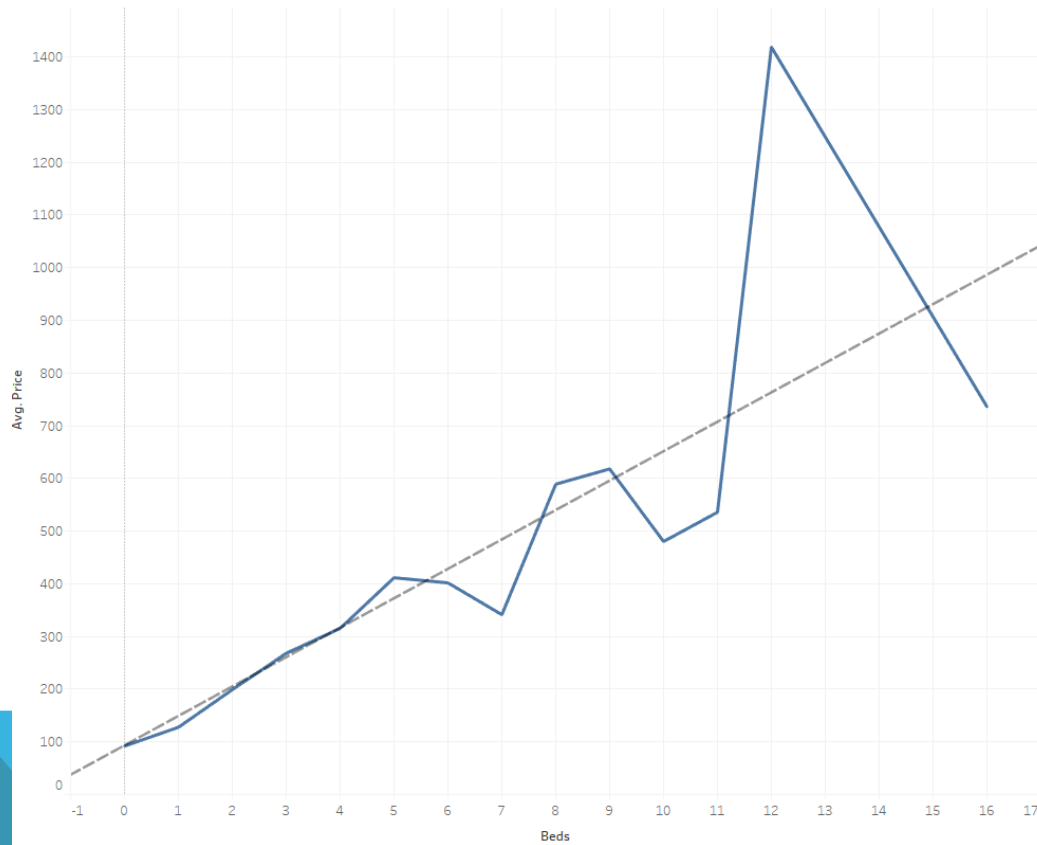# Manhattan has the highest number of hosts and average price

Villas are the most expensive type of property with $328 per night
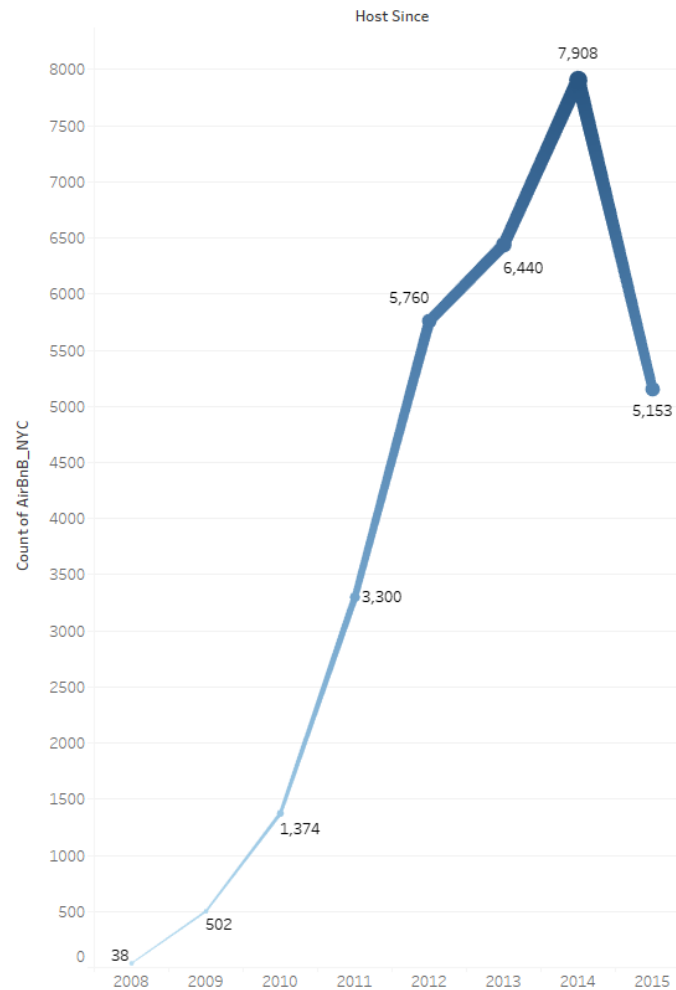
More than 27,000 of the properties are apartments

There is a correlation between number of beds and average price
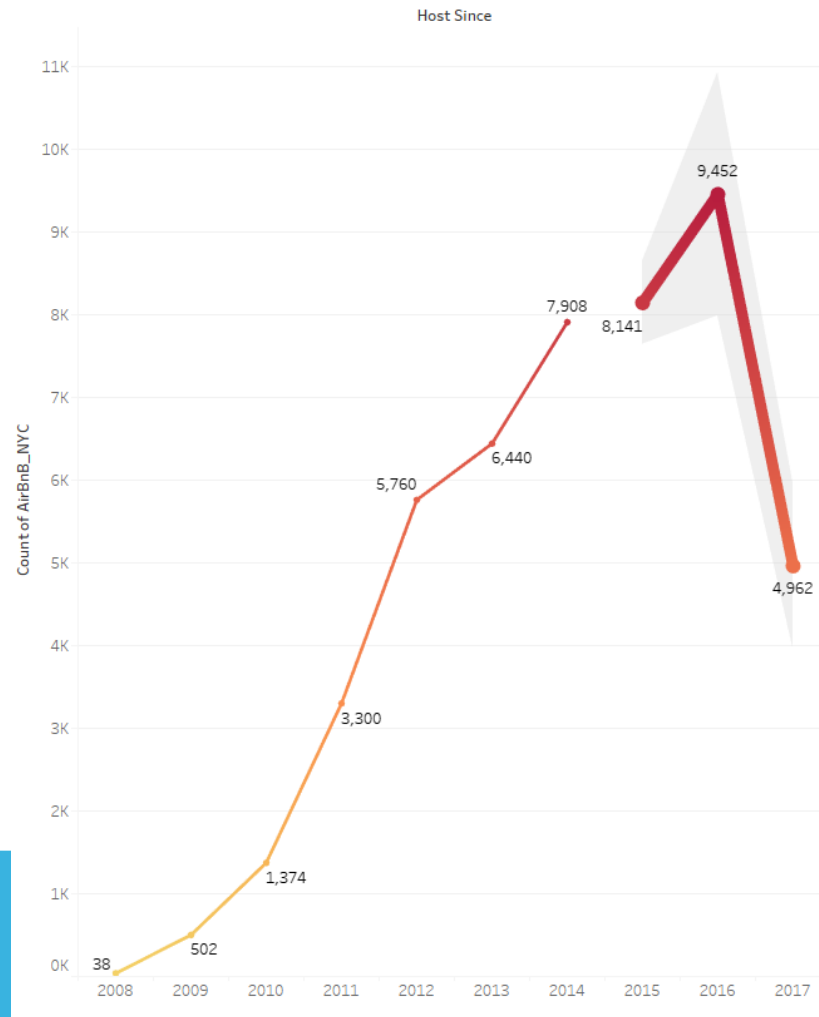## More beds probably will increase the price

**There is a significant decrease in the number of new hosts in 2015.
From almost 8000 new hosts in 2014 to slightly above 5000 in 2015.**

Host Since

The below model predict increase in new hosts in 2016 up to 9452 but it will decrease in 2017 to 4962

If I had more time, because the data is old (till 2015), I would compare the 2017 prediction with the actual value.

THANK YOU