



**airbnb**

# Airbnb Final Report

## Overview:

This project explored how pricing differs across Airbnbs and the influences it has on demand. It also explored the seasonal pattern of airbnb prices in New York and the effects it has on travel.

## Key Questions:

1. What causes the different pricing across neighbourhood groups?
2. How do prices affect demand for Airbnbs in New York?
3. How do holidays and seasonality affect pricing for Airbnbs in New York?

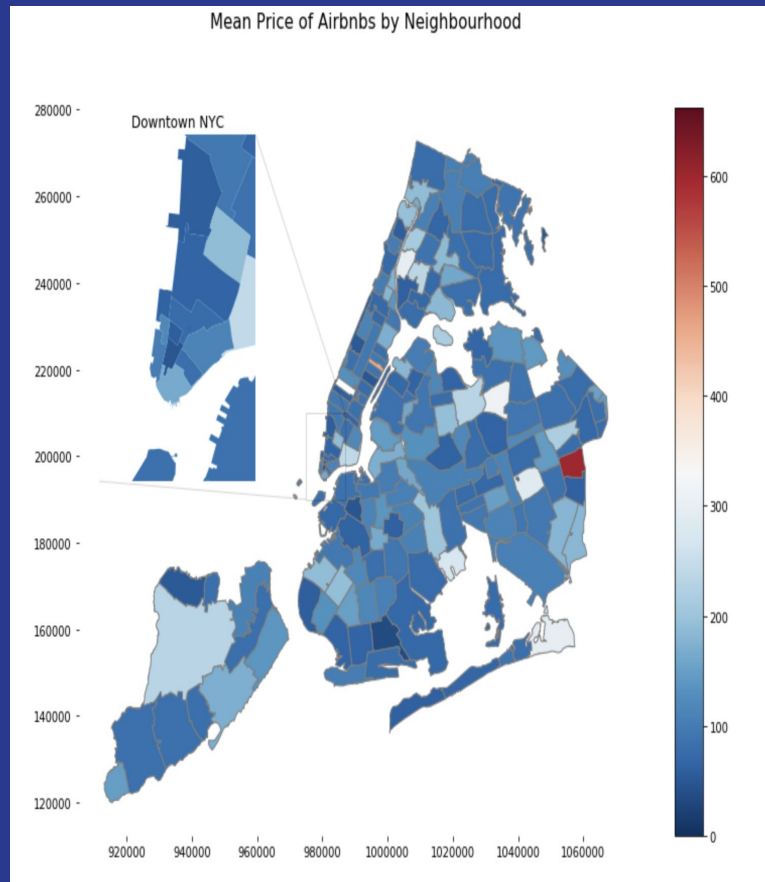
# Types of Listings per Neighborhood:

Determines the overall amount of listings per neighborhood, as well as what type of listings are most prevalent.

	neighbourhood_group_cleansed	room_type	Number_of_Listings
0	Bronx	Entire home/apt	226
1	Bronx	Private room	486
2	Bronx	Shared room	33
3	Brooklyn	Entire home/apt	6976
4	Brooklyn	Private room	7308
5	Brooklyn	Shared room	271
6	Manhattan	Entire home/apt	7742
7	Manhattan	Private room	5775
8	Manhattan	Shared room	300
9	Queens	Entire home/apt	1406
10	Queens	Private room	2432
11	Queens	Shared room	131
12	Staten Island	Entire home/apt	117
13	Staten Island	Private room	138
14	Staten Island	Shared room	2

# Avg Price by Neighborhood:

These graphs show the correlation between pricing and location.



# Seasonality:

General upward trend overall,  
with little indication of  
meaningful seasonality.

	us_holidays_name	number_Of_listings	average_price
0	Christmas Day	49748	162.239387
1	Columbus Day	49748	160.780835
2	Martin Luther King, Jr. Day	49748	157.423112
3	New Year's Day	49748	162.423153
4	Thanksgiving	49748	159.833360
5	Veterans Day	49748	159.151182
6	Washington's Birthday	49748	160.791710
7	Independence Day	49747	154.759463
8	Labor Day	49747	160.468269
9	Memorial Day	49747	152.030052

