

Short Summary

In this dataset, a different pattern is observed in **Manhattan** County regarding the demand for various types of accommodation. Since **Brooklyn**, which has similar conditions to Manhattan, does not suffer from this issue, it could indicate the presence of a **key variable** influencing the demand for different room types. In this visualization, an attempt has been made to identify the reasons behind this phenomenon by using the available variables in the dataset and verifying their impact on demand.

Link: [airbnb | Tableau Public](#)

Introduction

<	Introduction	Data Insights	Price and Count of Room types	Availability Influence	Minimum Night	>
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In this story, the reason behind the **unique pattern** of accommodation demand in Manhattan, based on room type, compared to other counties, especially Brooklyn, is examined.

Summary of the results:

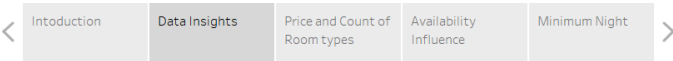
- The difference cannot be attributed to price or demand volume.
- The number of available days cannot have an impact on the accommodation demand.
- The reason can be traced to the high minimum night requirements for entire houses in Manhattan.

Note: In this analysis, the number of renters is not directly available in the dataset. Since we know that not all renters leave a review, if we assume the ratio of those who do to the total number of renters remains constant, we can use **reviews per month** as a proxy for the number of renters per month.

In this **dashboard**, Manhattan's different pattern is displayed, and in the **right tab**, the geographical similarity, popularity, and number of hosts are analyzed.

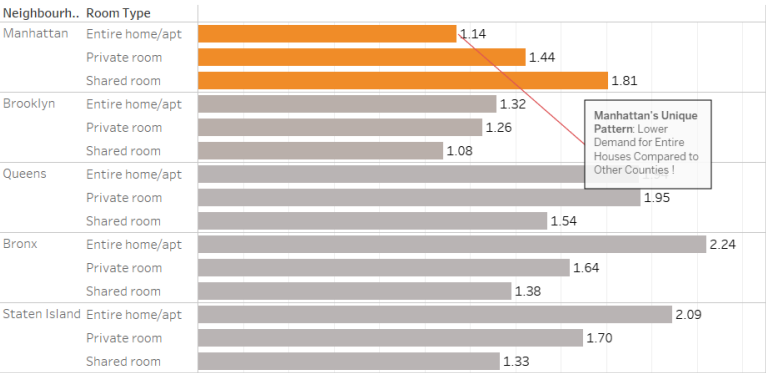
Vars: Room Type, hosts count, number of reviews, reviews per month and Neighbourhood Group

Kpi: reviews per month

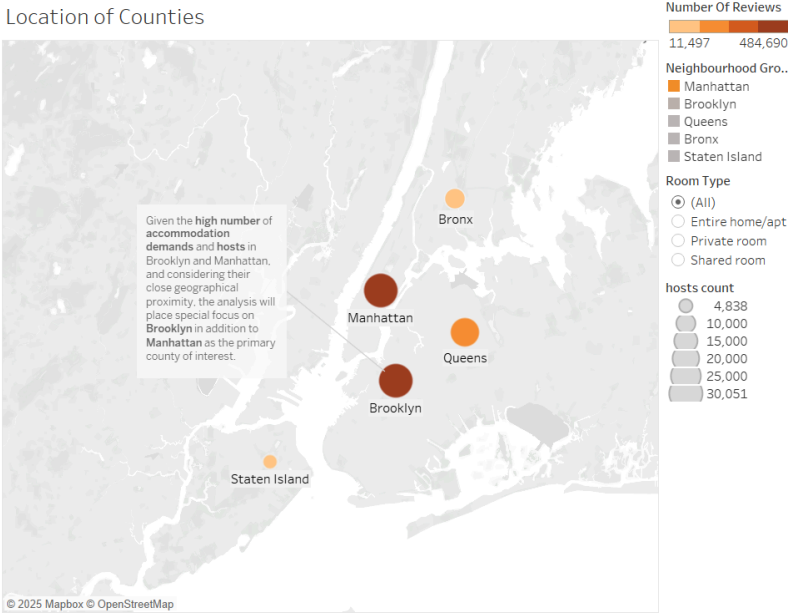


This worksheet displays the number of accommodation demand based on room type across different counties in the **left tab**. Additionally, the **right tab** shows the locations of the counties, where the total number of renters and hosts is displayed.

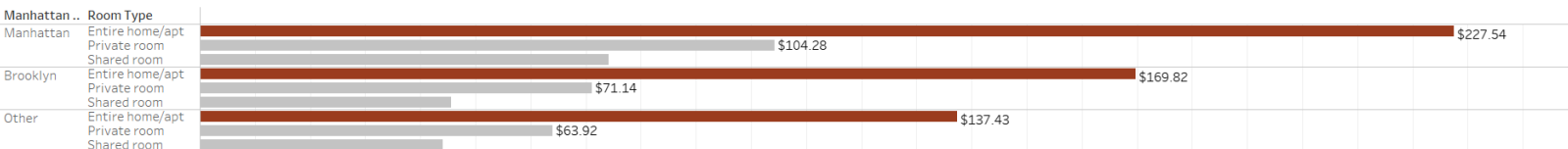
Room Type effects on review



Location of Counties



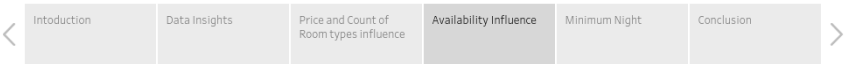
Kpi: avg price and Room Type count



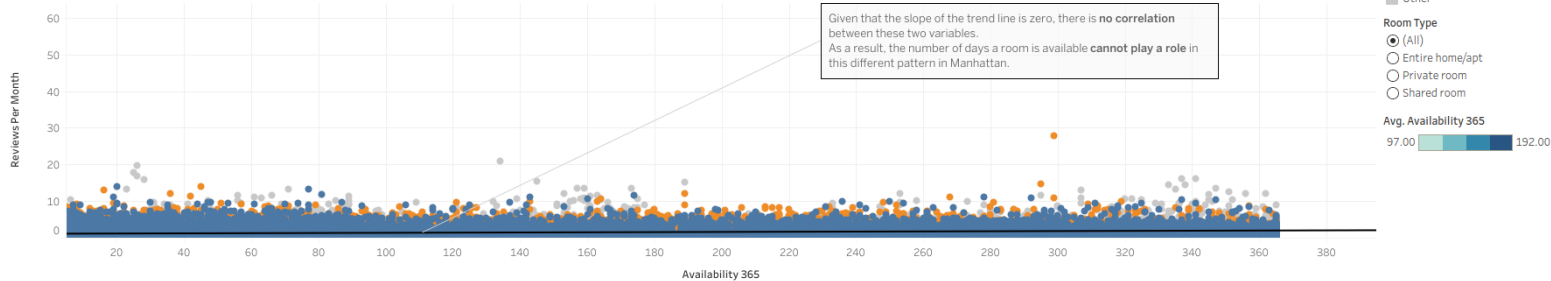
This sheet examines the impact of the number of days a property is available throughout the year on its demand.

Vars: Room Type, average Availability 365, Room Type count, Neighbourhood Group and reviews per month

Kpi: average Availability 365



This sheet examines the impact of the number of days a property is available throughout the year on its demand. In the top tab, the lack of impact the relationship between these two variables is shown using a scatter plot. In the bottom tab, the availability based on each county is displayed.

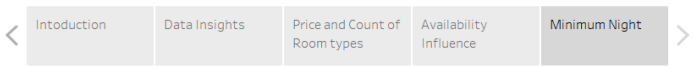


Manhattan .. Room Type					
Manhattan	Shared room				148
	Entire home/apt				111
	Private room				104
Brooklyn	Shared room				173
	Private room				107
	Entire home/apt				102
Other	Shared room				188
	Private room				161

This dashboard shows the significant impact of the minimum number of nights on demand and its high average for the entire house/apartment in Manhattan.

Vars: Room Type, average Availability 365, Room Type count, Neighbourhood Group and reviews per month

Kpi: average Availability 365



This worksheet examines the impact of the minimum nights for accommodation on the accommodation demand. In the **left** tab, the relationship between these two variables is shown using a scatter plot. In the **right** tab, the average minimum nights for Manhattan, Brooklyn, and others are displayed.



Conclusion

<	Intoduction	Data Insights	Price and Count of Room types influence	Availability Influence	Minimum Night	Conclusion	>
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Based on the analysis of the variables in the dataset, the lower demand for entire house/apartment in Manhattan can be attributed to factors such as price and minimum nights.

However, price cannot be the reason behind Manhattan's different pattern, and it is observed that the minimum number of nights has a significant impact on this issue.

worksheets

