

Score Big on AirBnB

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AGENDA

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ABOUT US

We are a Data Science company looking out for the consumer, we are currently developing a widget that will take the stress out of booking an Airbnb and giving you the peace of mind that you are getting the best deal.



Problem Statement

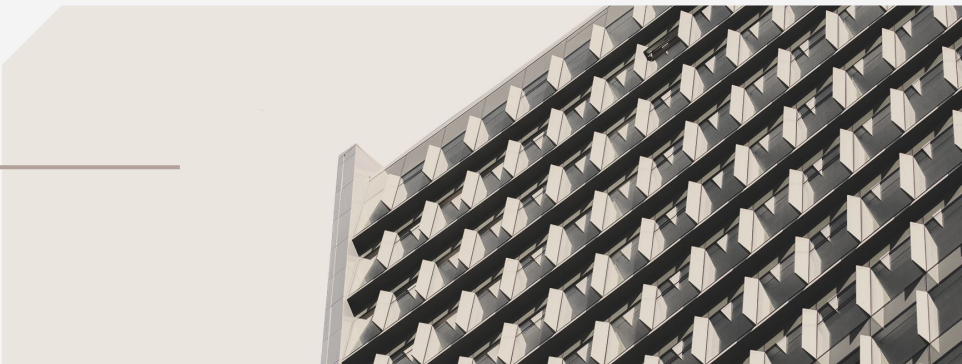
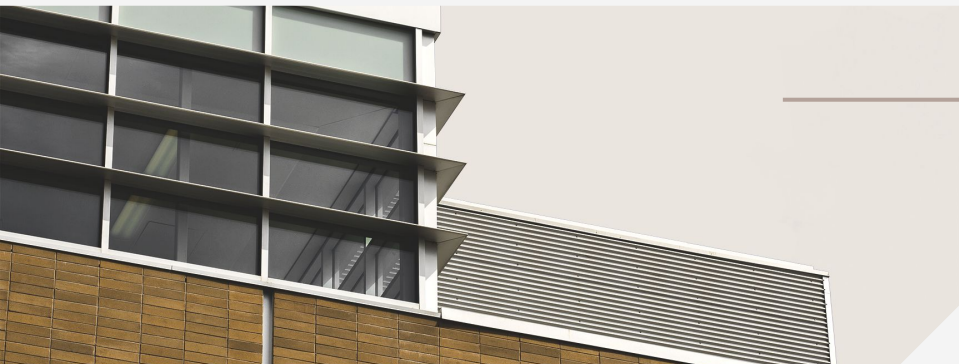


Airbnb hosts

Whether homeowners, renters, or businesses, they are people who know the area, are aware of market trends, and want to maximize the use of their listing. They hold all important decision making info.

Airbnb guests

Most likely from out-of-town, unfamiliar with the area they are visiting, wanting to find a balance of affordability and comfortable accommodations. Looking to relax, not breakout the spreadsheets to stay in budget.



Our Mission



To tip the scales back in favor of the consumer we are analyzing the current market of AirBnb listings and returning an exact fair price for each listing through a browser widget which will decide whether it's a deal or a steal.



Origin of Data

Inside Airbnb is a volunteer organization/website that collects publicly available data from Airbnb, and performs their own cleaning to make it easily accessible.

Inside Airbnb

As proof of concept with started with one city

Los Angeles

The data was scraped on this specific data and is updated up to 4 times a year.

06 June, 2022

Initial data



Bedrooms

How many bedrooms the listing has available.



Accommodates

How many people the listing can fit.



Beds

How many beds are available.



Longitude/Latitude

A semi-occluded location for the listing before boogie.



Neighbourhoods

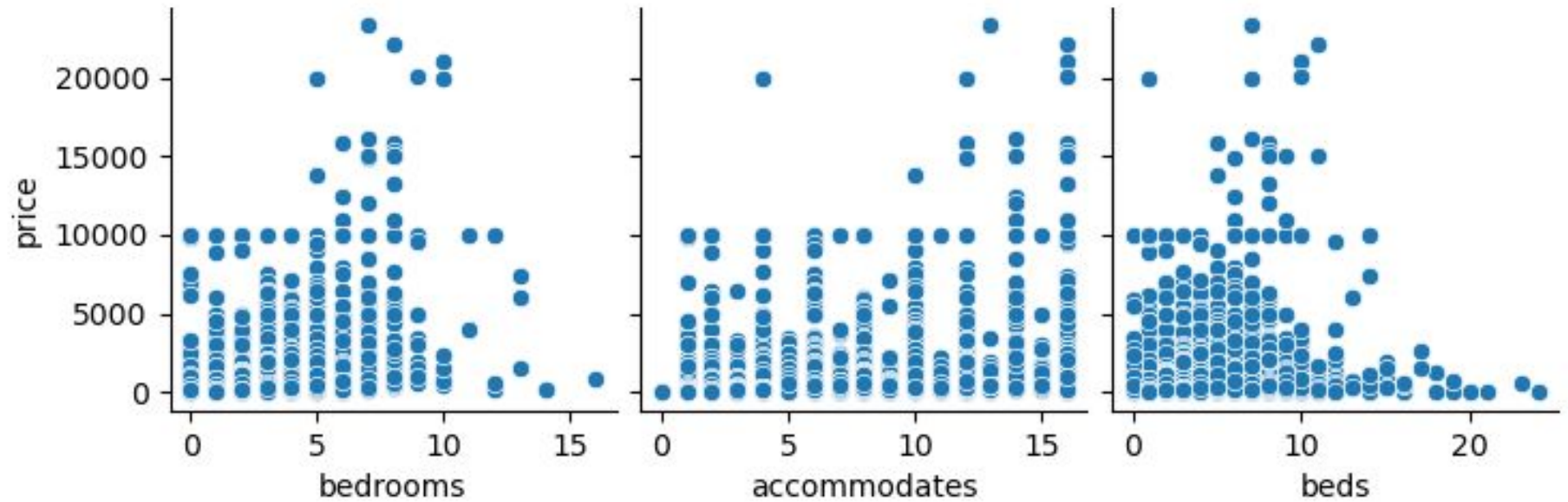
Approximate neighbourhood.



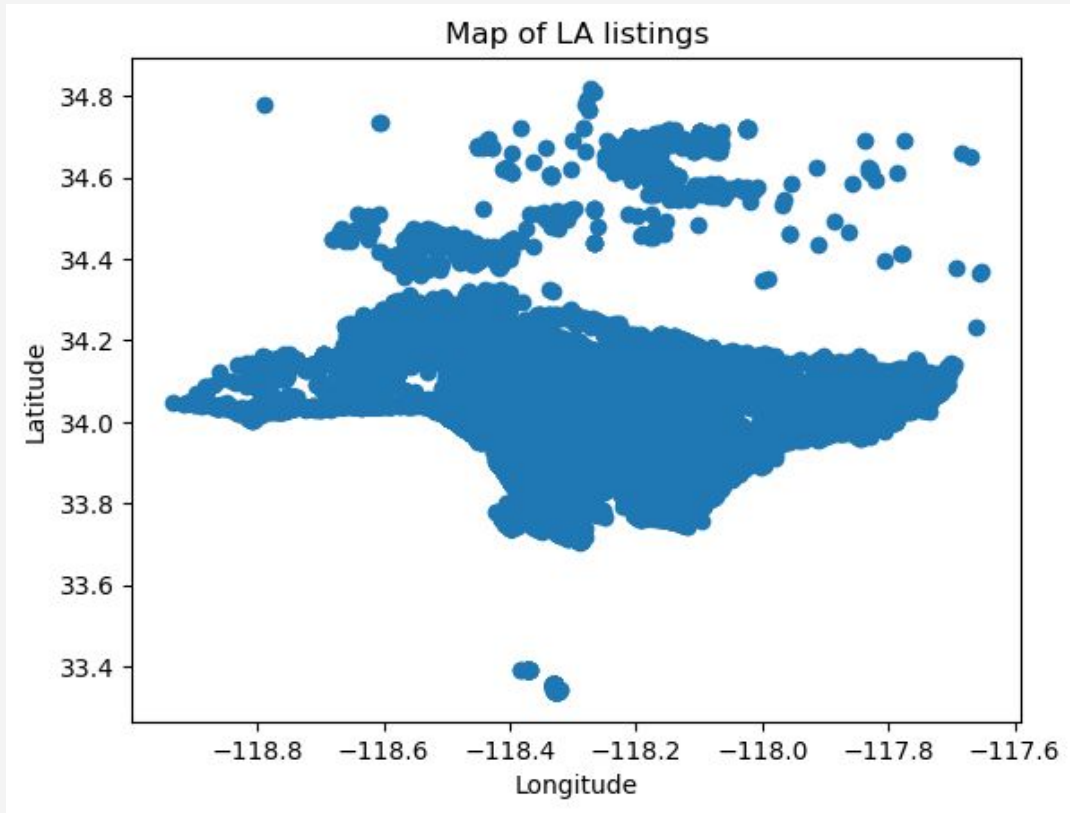
Host

Experience, and location

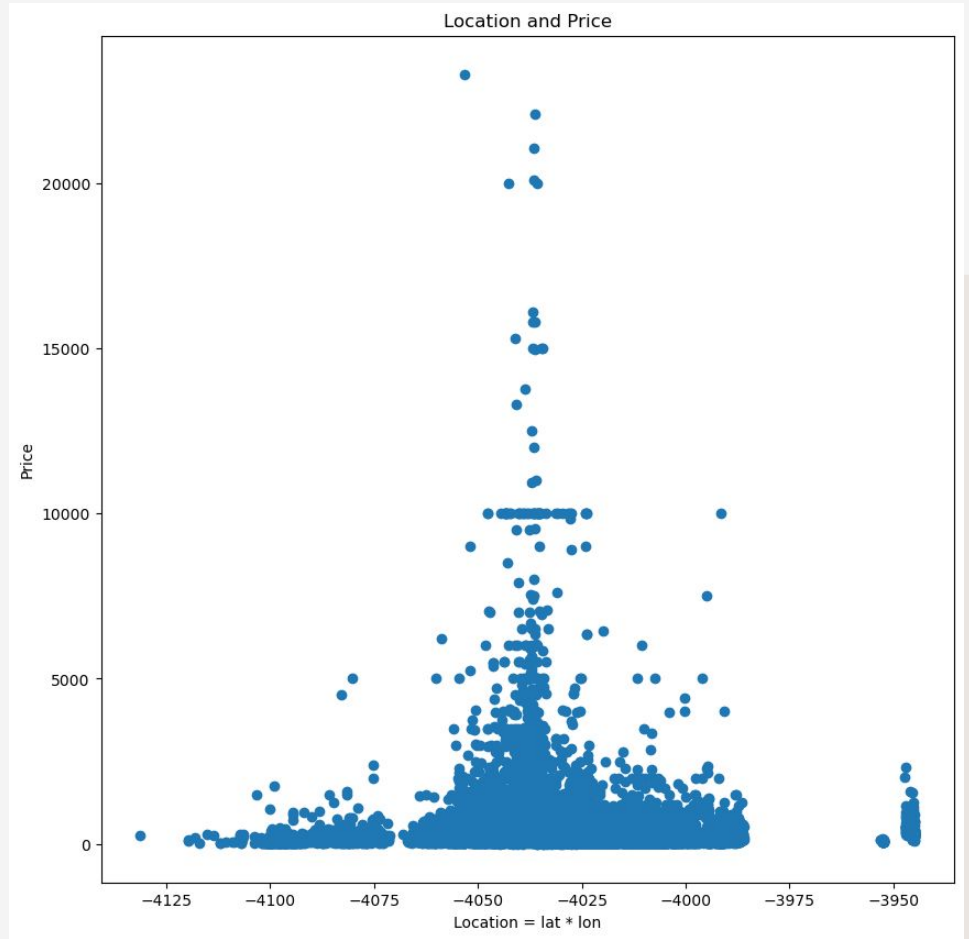
Bedrooms/Accommodates/Beds



Map

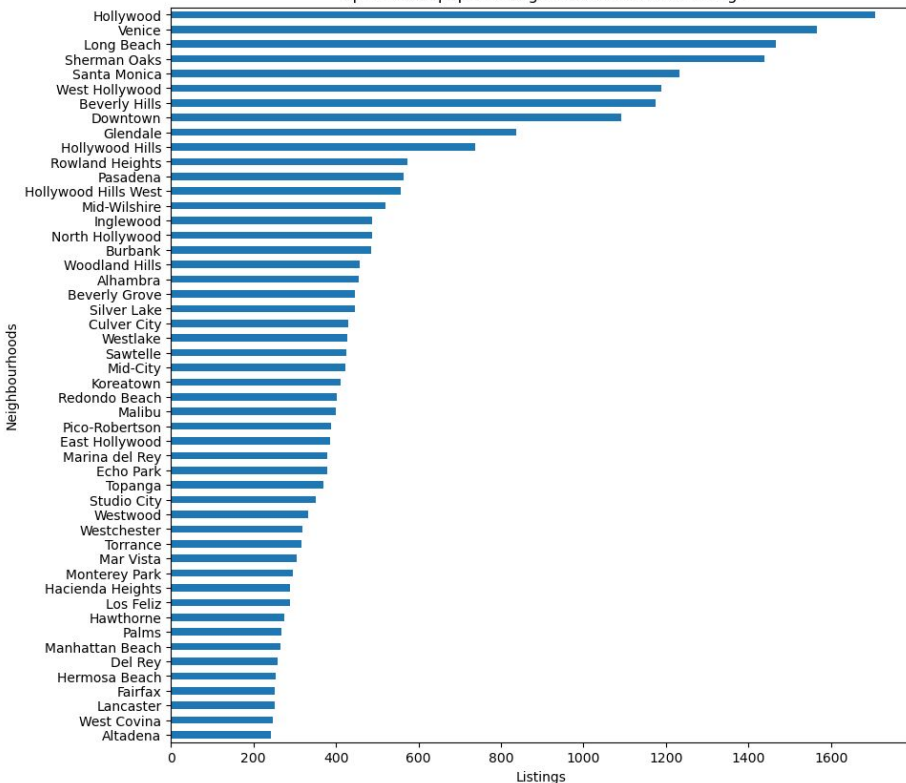


Location (Latitude and Longitude)

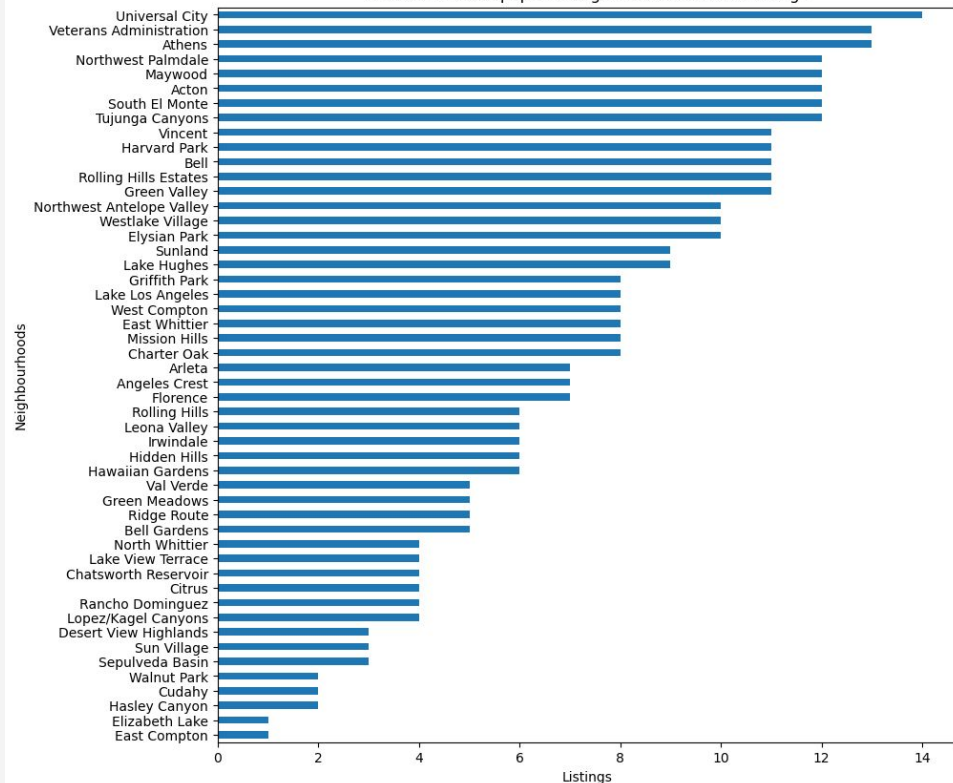


Neighbourhoods (265)

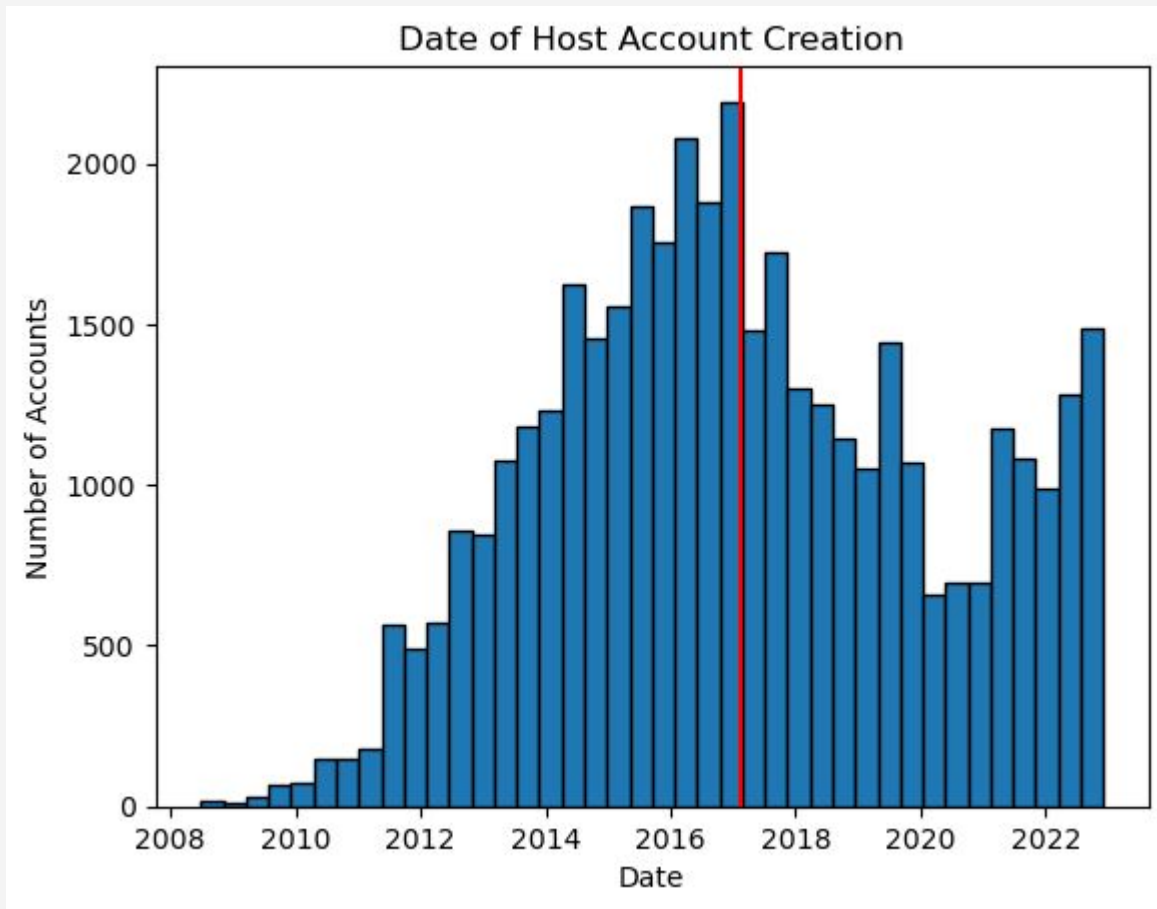
Top 50 most popular neighbourhoods for LA listings



Bottom 50 most popular neighbourhoods for LA listings



Host



Next Best Contributors

Bathrooms Text

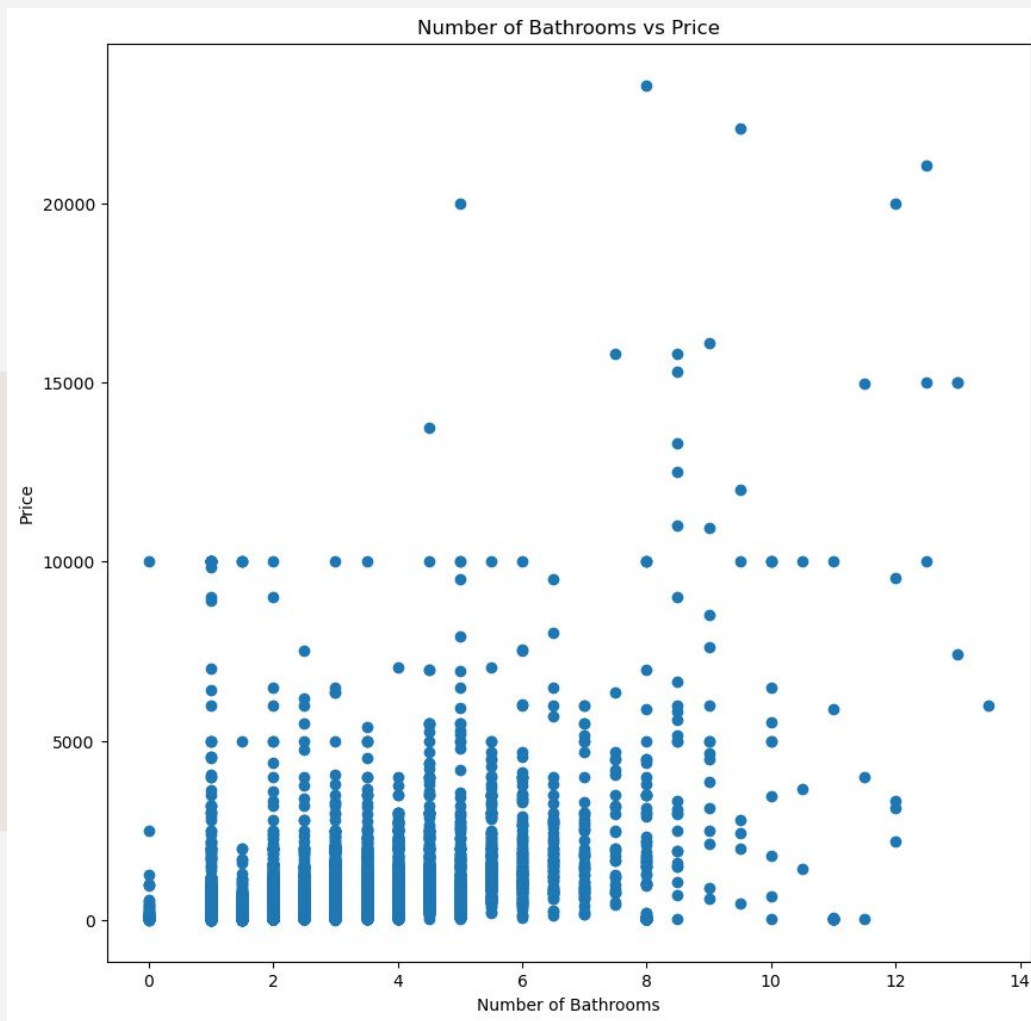
51 unique variations (number, shared/private, half baths)

Room Type

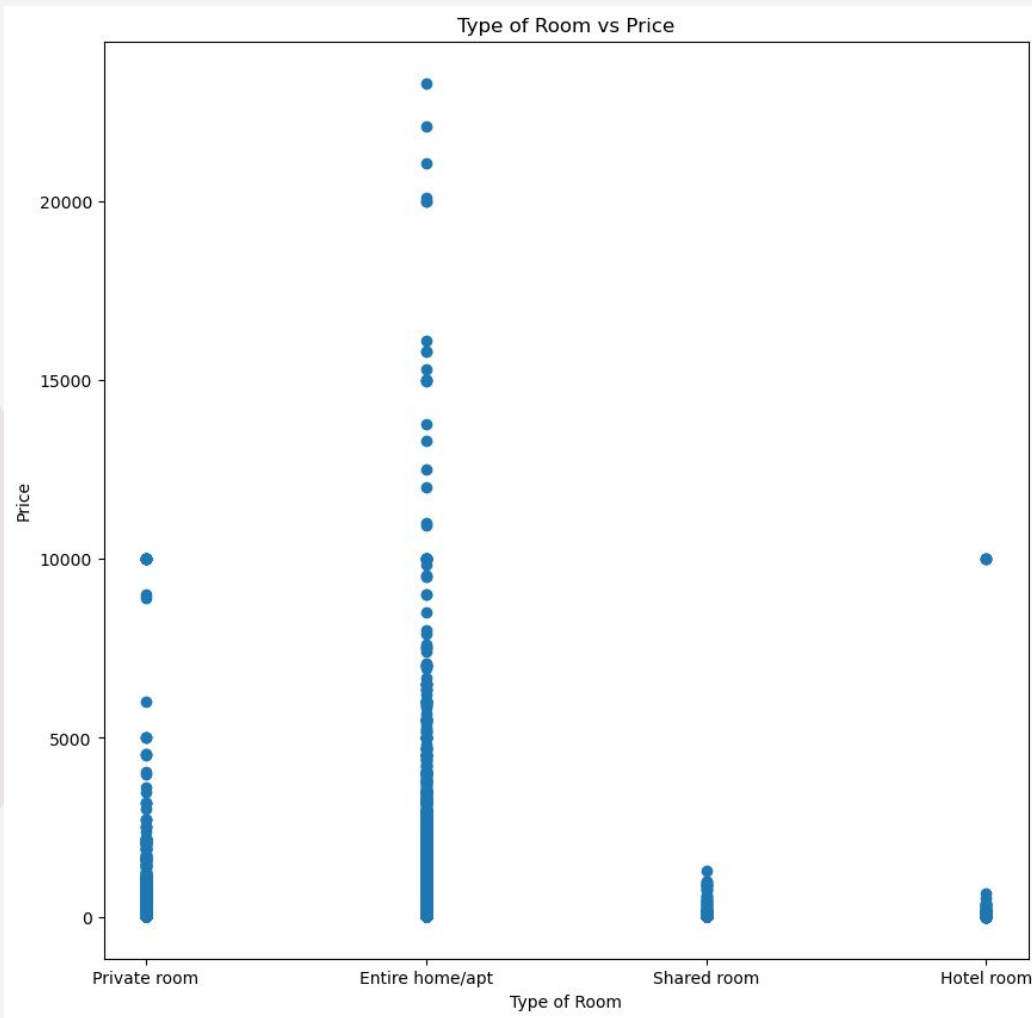
1. Entire home/apt
2. Private room
3. Shared room
4. Hotel room



Bathrooms



Type of Room



Modeling

Our Models can predict 25% of variability in Price, with each iteration increasing even more. We see this as a good place to start and proof of concept for the widget.

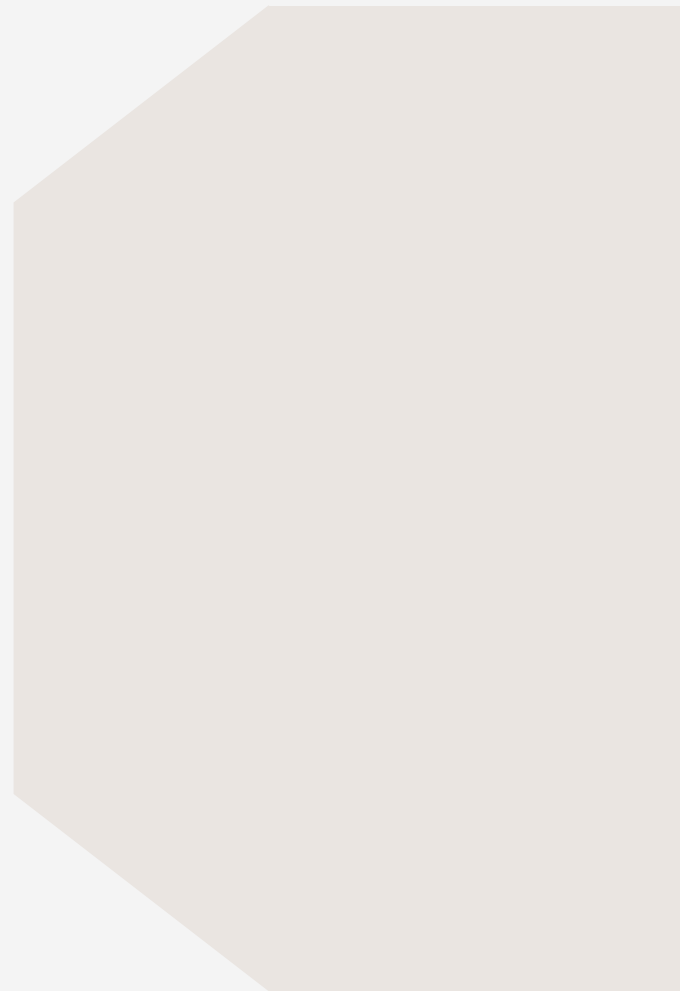
Next Steps

More Data

Different Models

Further Feature Engineering

Releasing the Widget for
public use/test



A photograph of a modern building facade with a textured, light-colored concrete or stone surface. The word "THANKS" is written in large, bold, dark brown capital letters on the upper part of the facade. Below the text, there are several rectangular windows with dark frames. The building is set against a light beige background with a large, abstract, light beige geometric shape on the right side.

THANKS

Any questions?

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