

Airbnb Bookings Analysis

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Contributor Roles:

1. Data Wrangling:
 - Airbnb Booking Dataset.
 - Booking, Reviews, minimum night's numbers.
 - Top most cities.
2. Top most host areas.
3. High chargeable hotel names with respect to area and minimum stay nights.
4. Max review achieved hotel name with respect to area and room type.
5. Busiest host name and traffic areas.
6. Presenting analytical visualization through bar chart.

Airbnb Booking Analysis is a booking rental booking report for event with 16 columns and 48895 rows. In this EDA project available datasets are id, name, host id, host name, neighborhood group, neighborhood, latitude, longitude, room type, price, minimum nights, number of reviews, last reviews, reviews per month, calculated host listings count, availability 365.

As the first step, perform data wrangling over the raw data and select those columns which are important for analysis. Further, I decided to complete this project into four part i.e. learn different host and areas, analyze location, price and reviews, busiest host and traffic areas.

In the learn different host and areas, mainly focused on calculated host listings count grouping with host name, neighborhood group and display top most listings count, Finally, plot a bar chart to make a visualization for easy to understand.

In the analyze location, price and reviews, make a comparison with name, neighborhood group, room type, price, minimum nights, number of reviews and take max values of price and number of reviews then create bar chart for better understanding.

In the busiest host, create a data frame on top busiest host names with neighborhood group, minimum nights and plot a visualization chart.

At the last stage of traffic areas, find traffic neighborhood group, room type compare with minimum nights and make bar chart visualization.

This analysis report helps to understand top most business areas, client's preferable room type and price, high demanding host names and it will create a remarkable contribution to grow this business.

GitHub link: https://github.com/SrvPioneer/Airbnb_Data_Analysis

Drive Link:

https://colab.research.google.com/drive/1Euq8J5eARZiZcY69Rn0MuF5oE8S_VqDe?authuser=1