

Capstone Project Submission

Contributor Roles:

1. Suwendu Dey:

1. Data Wrangling:
 - I. Airbnb NYC 2019 dataset.
2. Different hosts and areas.
3. Property distributions in different locations.
4. Price on different locations and areas.
5. Category of rooms available in all locations.

Project Link

GitHub Link: - <https://github.com/devsuvendu/Airbnb-bookings-Analysis>

Drive Link: - <https://drive.google.com/drive/u/0/folders/1jKY7QHeW-JfHKyS-2fC1dNqocdVk26Kh>

Summary

- ***Airbnb is an American company that operates an online market place for lodging, primarily Homestays for vacation rentals and tourism activities. It's providing services similar to Indian company like Oyo Rooms.***
- ***We did data analysis on 49,000 of listings provided through Airbnb is a crucial factor for the company. Our main objective is to find out the key metrics that influence the listing of properties on the platform. For this, we will explore and visualize the dataset from Airbnb in NYC using basic exploratory data analysis (EDA) techniques. We have found out the distribution of every Airbnb listing based on their location, including their price range, room type, listing name, and other related factors. We have analysed this dataset from different perspectives and have come up with some interesting insights. This can help in making strategic data-driven decisions by the marketing team, finance team and technical team of Airbnb.***

1. ***In this EDA project, we were provided with one Dataset as the first data wrangling over the raw data. We divided the complete project in four main parts they are :-***

- A. Busiest hotel analysis***
- B. Different host and different areas***
- C. Location and price analysis room types***
- D. Minimum nights analysis.***

- 2. In Airbnb Booking Analysis, we focused mainly area location between particular price.***
- 3. Since 2008 analysis top 7 busiest host and perform different analysis. This helps us to identify the all-traffic areas.***
- 4. In entire Airbnb Booking Analysis, we did estimation about the different host and different areas through our analysis.***
- 5. The project of analysis the data staying people are Entire home/apt or private which are present Manhattan, Brooklyn, Queens are in less price.***