**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

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| **Team Member’s Name, Email and Contribution:** |
| **Name : Rajvee Sharma**  **Email id :** [**rajveesharmae100@gmail.com**](mailto:rajveesharmae100@gmail.com)   * *I made my project solely.* * *Firstly, prepare a google colab notebook for data cleaning, data manipulation, data visualization and finalizing the conclusion.* * *Make a PPT by making sure all points to be covered.* * *Prepare a technical documentation in content of problem and statement goal of project.* |
| **Please paste the GitHub Repo link.** |
| GitHub link : https://github.com/Rajvee-Sharma/EDA-Airbnb-Capstone |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| **Airbnb is an American Company and was founded in 2008 by two friends Joe Gebbia and Brian Chesky are the founders of Airbnb that allow travelers to rent spaces from host or people who have vacant spaces in their houses. While relatively new, Airbnb’s current worth is $25.5 billion. Over the few years Airbnb have been generated much attention from customers. More than 60 billion individuals have used Airbnb in 34000 cities and in 190 countries. Furthermore, there have been around 2 million listings worldwide.****Before i start my Data Science project process which is preparing the data, cleaning the data and analyzing the data i have performed few steps to ensure the data quality such as removing NaN values. With the cleansed data, I’ve performed EDA (Exploratory Data Analysis) to understand the dataset like number of installation for each category and so on.****The dataset contains immense possibilities to improve business values and have a positive impact. It is not limited to the problem taken into consideration for this project. Many other interesting possibilities can be explored using this dataset**.**My main motive in whole project is to analyze the data and find out main component that affects customer’s decision to use more Airbnb sevices which creates positive impact on our business and it influences.****From the results and process I have implemented in Airbnb dataset and can conclude that Manhattan is the most preferred place in New York and people prefer private rooms most for longer duration stay in Manhattan and Brooklyn**. |