**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

| **Team Member’s Name, Email and Contribution:** |
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| * **ANKUSH** * **EMAIL** - 90ankushsaini@gmail.com * **CONTRIBUTION** - * Data Wrangling * Visualization of the different neighborhood groups on location * Relationship between hosts and areas * Finding the busiest hosts * Most reviewed hosts * Room Types and their availability * Average stay in each room types |
| **Please paste the GitHub Repo link.** |
| Github Link:- <https://github.com/Ankushsaini90/Airbnb-data-analysis> |
| **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 that operates an online marketplace for lodging, primarily homestays for vacation rentals, and tourism activities. Based in San Francisco, California, the platform is accessible via website and mobile app. Airbnb does not own any of the listed properties; instead, it profits by receiving commission from each booking. The company was founded in 2008 by Brian Chesky, Nathan Blecharczyk and Joe Gebbia. Airbnb is a shortened version of its original name, AirBedandBreakfast.com.  The company has been criticized for enabling bait and switch scams, being involved in West Bank settlements, possibly driving up home rents and creating nuisances for those living near leased properties. The company is regulated by many jurisdictions, including the European Union and cities such as San Francisco and New York City.AirBnB and its competitor Vrbo are viewed as a competitive threat by the hotel industry.  As the first step, perform data wrangling over the raw data, after wrangling , we divide our complete project into three main parts -In first part we analyze data, in second part we do visualization and In third part we get conclusion.  In the first part, we overview the whole data, we import some library, we deal with null values by replacing other values and drop some unnecessary columns which we don't need. It's quite a challenging part.  In the second part, we discussed our own statements to analyze and try our best to represent our statements in graphs or charts. To complete this part we just take help from google and youtube.  In the third part, after analysis we get some observations and try to give the best possibility theory for our statement and finally we write them as our conclusion. This is the most challenging part of this project. |