**Capstone Project Submission**

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| **Team Member’s Name, Email and Contribution:** |
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| **Please paste the GitHub Repo link.** |
| Github Link:- https://github.com/sahoomrutyunjaya12345/AirBnbBookingAnalysis.git  Drive link:- https://drive.google.com/drive/folders/1j1NacNNpe7czdv6E1DFrqxs2Da8tMFKI |
| **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 open online platform where people list their own housing for rent. Since 2008, it has grown in popularity and specially for those community which frequently use to travel. It is becoming a strong competitor to the hotel industry. It has millions of listing, which generate lots of data. I’m analyzing these data for making business decision, for looking best room type etc.  I will explore and visualize the dataset from Airbnb in New York using basic exploratory data analysis techniques. I will find out the distribution of every Airbnb listing based on their location, including their price range, room type, listing name, and other related factors.  My object is to explore the data and extract useful information from the data and find out different relations between the columns.  Here we have done this analysis: we saw different host has different reviews in their respective locationhow different room type has diffrent price respectively by the help of this bar plot,which gives us a clear view of how price affect the room typewhat is the price of different houses by the help of bar plot, which gives us a view that we can choose which house according to pricehost has different types of room and hosted atleast some nights and this data has been properly understood by this bar plothow many rooms available has the host also understand thier reviews by this line plotWhich room has average prices that gives us how to book a classic room or any type of room in accordance with priceswhich gives us clear understanding about how prices and reviews which shows data of 75%,min,max from this dataHeatmap is the best way to explain about all the airbnb data. So this is all my analysis about this Airbnb data. |