**Capstone Project Submission**

| **Team Member’s Name, Email and Contribution:** |
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| ***SARANYA . N email.id –*** [***snk4411@gmail.com***](mailto:snk4411@gmail.com)  ***Contribution:***   * ***Data wrangling*** * ***Notebook creation*** * ***Plotting relevant graphs*** * ***Analyzing key objects*** * ***Presentation slide making*** * ***Project report making*** |
| **Please paste the GitHub Repo link.** |
| Github Link: [airbnb-booking-analysis/Airbnb\_Bookings\_Analysis\_Capstone\_Project.ipynb at main · SARANYA-4411/airbnb-booking-analysis (github.com)](https://github.com/SARANYA-4411/airbnb-booking-analysis/blob/main/Airbnb_Bookings_Analysis_Capstone_Project.ipynb) |
| **AIRBNB NYC** |
| Airbnb ,inc.is an American company that operates an online marketplace for lodging , primarily homestays for vacation rentals , and tourism activities . Airbnb to expand on traveling possibilities and present a more unique , personalized way of experiencing the world .  The goal of this data exploration is to understand the significance related to the Airbnb dataset, we got to know different hosts having different kinds of properties for rent. Prices of rooms depending upon location and facilities provided and with a minimum number of nights of stay required, also check various aspects related to price, room type, availability 365. Understand the popularity of Airbnb based on locations, Analyze the reason about variation based on locations by prices (which area is expensive), reviews ,and type of rooms ,Realize the situation of the busyness of the host .  In this analytical study by starting with loading the data so far we have done EDA, null values treatment. The insights about the most preferred room type on the listing are also taken into consideration. Neighbourhood groups were analysed in detail with respect to the most preferred booking, top favourable neighbourhoods, a most preferred price range, hosts id’s having a maximum number on listings, availability of rooms for 365 days, and the number of reviews for respective rooms. |