

Power BI Assignment Interpretation

- **Saad Thaplawala (27172):** Created title page and interpreted charts
- **Uzair Nadeem (24928):** Cleaned dataset and identified business problem
- **Dashboard Creation:** Done through online collaboration

Dataset Used:

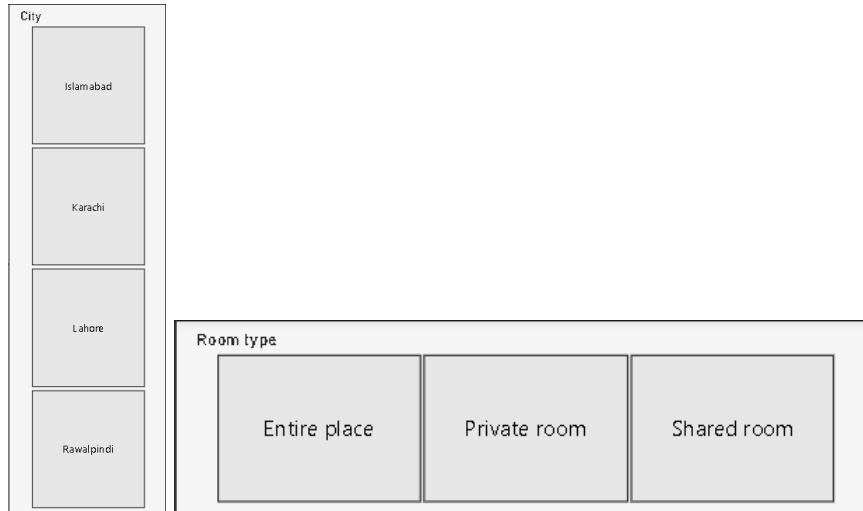
- **Name:** Airbnb Listings in Pakistan
- **Link:** [Airbnb Listings in Pakistan](#)

Business Problem:

Analyze how having a Superhost badge on Airbnb impacts key metrics — such as average rating, response rate, and pricing — across four major cities of Pakistan.

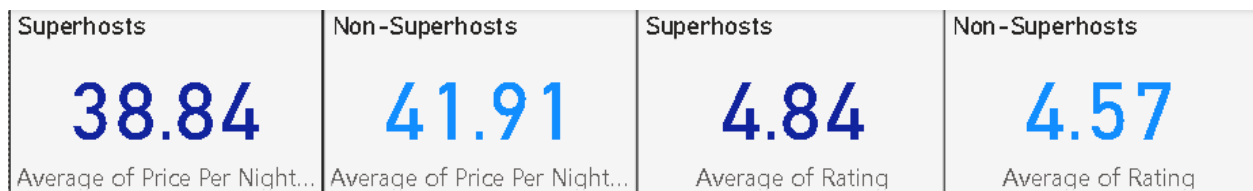
Slicers:

Added slicers to allow users to filter data by **City** and **Room Type**, enabling a dynamic and personalized dashboard view.

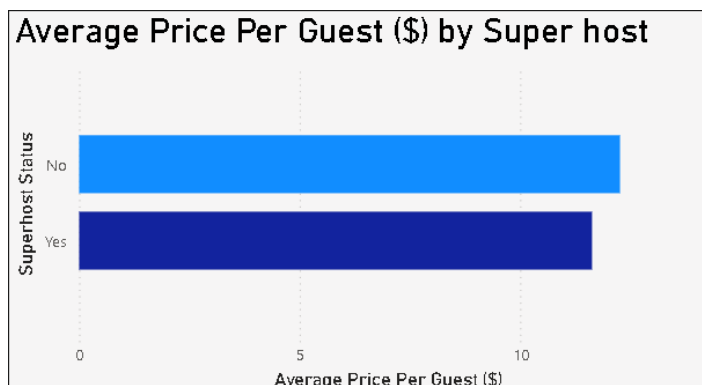


Scorecards:

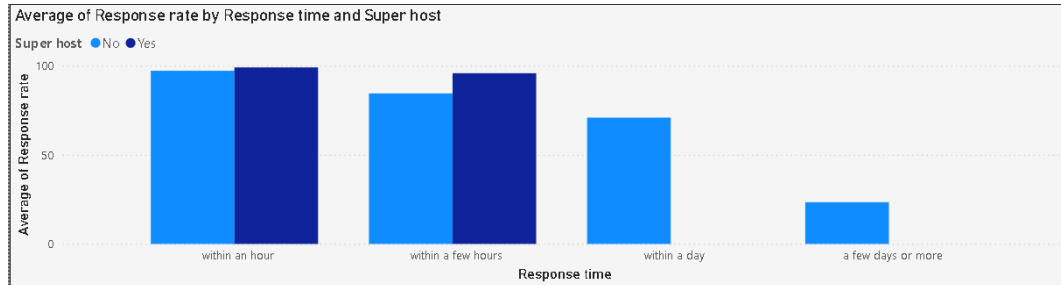
Display the **average price** and **average rating** based on **host type** (**Superhost or Non-Superhost**). These values dynamically update based on slicer selections.



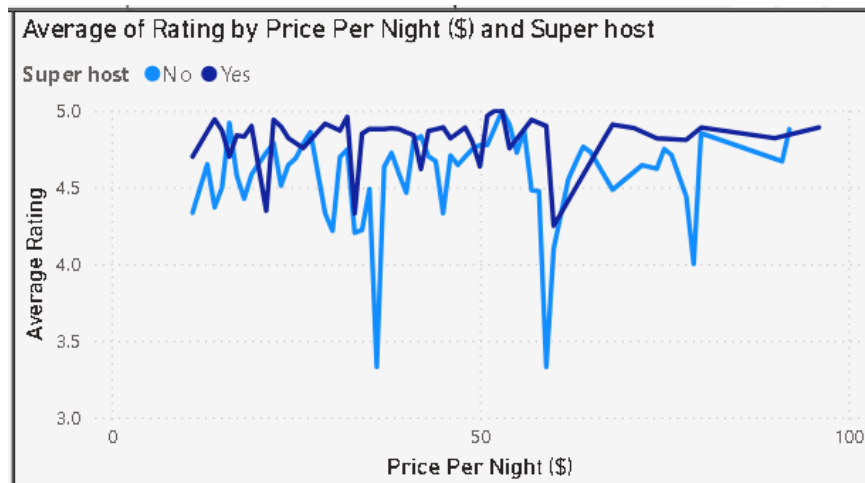
Bar chart: New column created for **values = price/no. of guests** to get **per guest charge**, chart created to see if super hosts (better hosts preferred by airbnb) tend to be more expensive or cheaper.



Cluster column chart: Showing **response rate** and relative time it takes for super host to reply vs a usual airbnb host.



LineChart: Compared the **average rating** relative to **price** for Superhosts vs Non-Superhosts to analyze performance trends across different pricing levels.



Interpretations:

- The dashboard shows that Superhosts have a significantly higher response rate, with most responses occurring within an hour.
- Across the entire price range per night, Superhosts maintain higher ratings approximately 90% of the time compared to regular

hosts.

- The average **Price per Guest** tends to be lower for Superhosts, indicating better value for money.