Model Development Phase Template

Date	18 JULY 2024
Team ID	739977
Project Title	Unveiling Airbnb price patterns:machine learning for forecasting
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning

Property_Type	Type of the property	yes	Different property types can affect pricing (e.g., apartment, house, etc.).
Location	Geographical location	Yes	Location is a key determinant of rental prices.

Number_of_Rooms	Number of rooms available	Yes	More rooms typically increase the rental price.
Host rating	Rating of host	Yes	. Higher ratings may justify higher prices.
Amenities	Avalibel amenities	Yes	Amenities like Wi-Fi, kitchen, and parking can influence the price.

Reviews count	Num of reviews	Yes	More reviews can indicate popularity and influence pricing.
seasonality	Easonal demand fluctutions	Yes	Prices may vary based on the time of year.
Min nights	Min nights requirements	Yes	Affects the average pricing and booking patterns.
price	Rental price	Yes	The target variable for predictive modeling of Airbnb prices.