

Analysis and linear regression on Riyadh Hotel Ratings

Abstract :

The objective of this project is to apply a linear regression model on a booking site to predict hotel Ratings in Riyadh based on many features (location, view, etc.). Predicting hotel reviews aim is to deal with the reviews of user and predict its sentiment as Positive or Negative. Which helps in developing the service provided

Problem Statement:

Riyadh has become a new destination for travel and tourism, and we want a model to predict the Hotel Ratings. will Helps improve services provided to tourists and visitors.

Algorithms:

Building a linear regression in python.

Rigorous model selection and evaluation.

Data Description:

The used dataset scraped from Booking.com will be helpful for the study, Sample size is Riyadh .

Tools:

Technologies: Python, Jupyter Notebook.

Libraries: Pandas, NumPy, Seaborn, BeautifulSoup.