

Scraping and Regression Project Proposal

using hotels room price

Introduction:

A businesswoman thinking to open a hotel in Riyadh city, wants a model to predict closer estimates for the actual prices of room in hotels according to their rating, distance from the Kingdom Tower, the number of reviews, and which day. so, she can choose the right place and prices.

Data Description:

I will scrape the dataset from TripAdvisor which is website offers online hotel reservations and bookings for transportation, lodging, travel experiences, and restaurants, it's one of the popular reservation websites in the world. As we want the dataset is focusing on the hotels room price section in Riyadh city for two months.

- The target is price of the room
- The features are name, rating, the distance from the Kingdom Tower, number of reviews, and the day.

Tools:

Python, and Jupyter Notebook.