

Python-Web- Scraping-Project Proposal



Airbnb Rooms Price Prediction



Work By

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Airbnb is a website that connects people who wish to rent out their houses with people who are looking for lodging in the same area.



TOOLS & LIBRARIES

- Jupyter notebook
- Python
- BeautifulSoup
- Web Scraping Selenium
- Matplotlib
- Tableau
- Storage CSV

Problem Statment

Predict the prices of Airbnb rooms multiple countries

How can it Help?

Determining the factors that affect the prices of rooms can be helpful for both house owners and renters.

Data Description

DATA AQUITION

We are planning to acquire the dataset by scraping Airbnb website

TARGET

The main target is to predict the prices of a room based on the collected features

MAIN FEATURES

- House Type
- Number of rooms
- Number of guests
- Price per night
- Room ratings
- Location
- Available amenities