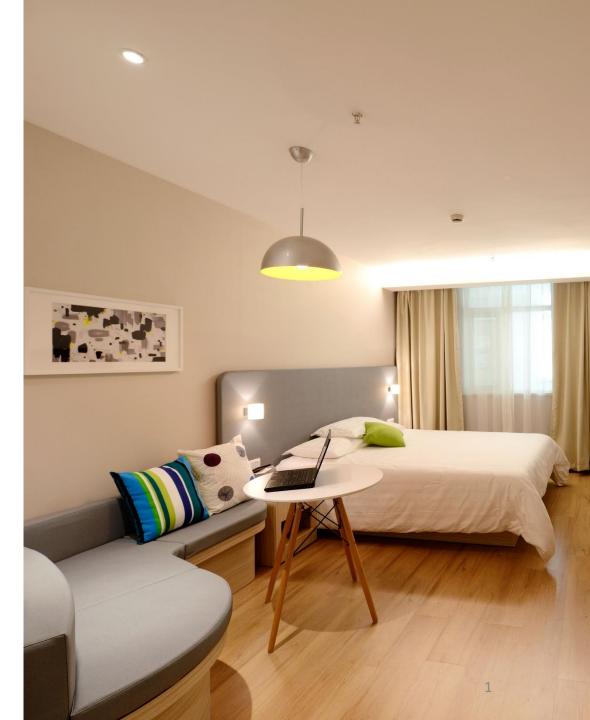




Airbnb Linear Regression

Banan Alhethlool

Modhi Alhbrdi





Airbnb

A web platform where users can rent out their space to host travelers to:



Save Money

When traveling



Make Money

When Hosting



Share Culture

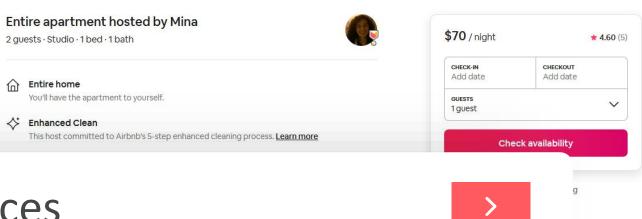
Local Connection To The City



Product

Prices





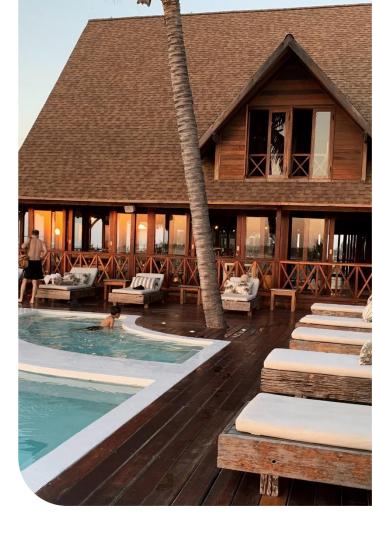




Cities



London Milano Berlin Madrid Amsterdam





Methodology

Understand the problem

Preparing the data







Web Scraping



Regression



Regression

Polynomial Regression

Train score 0.456

Validation Score -14.0

Linear Regression

Train Score 0.366

Test Score 0.42945

Validation Score 0.058

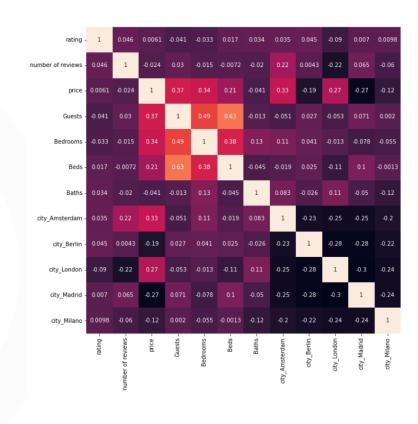
Lasso & Ridge Regression

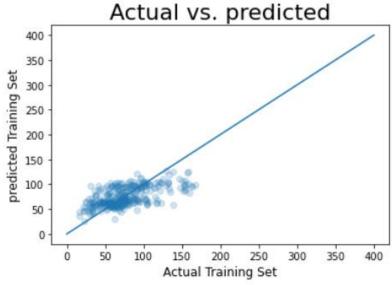
Lasso Test Score 0.42940

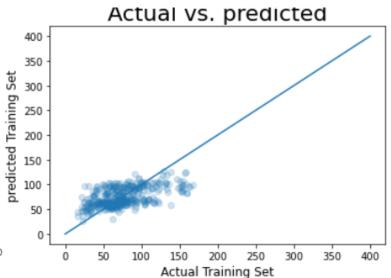
Ridge Test Score 0.426



Regression Dashboard











Thank you for listening

Banan Alhethlool

Modhi Alhbrdi

