



House Price Prediction in King County, Washington.

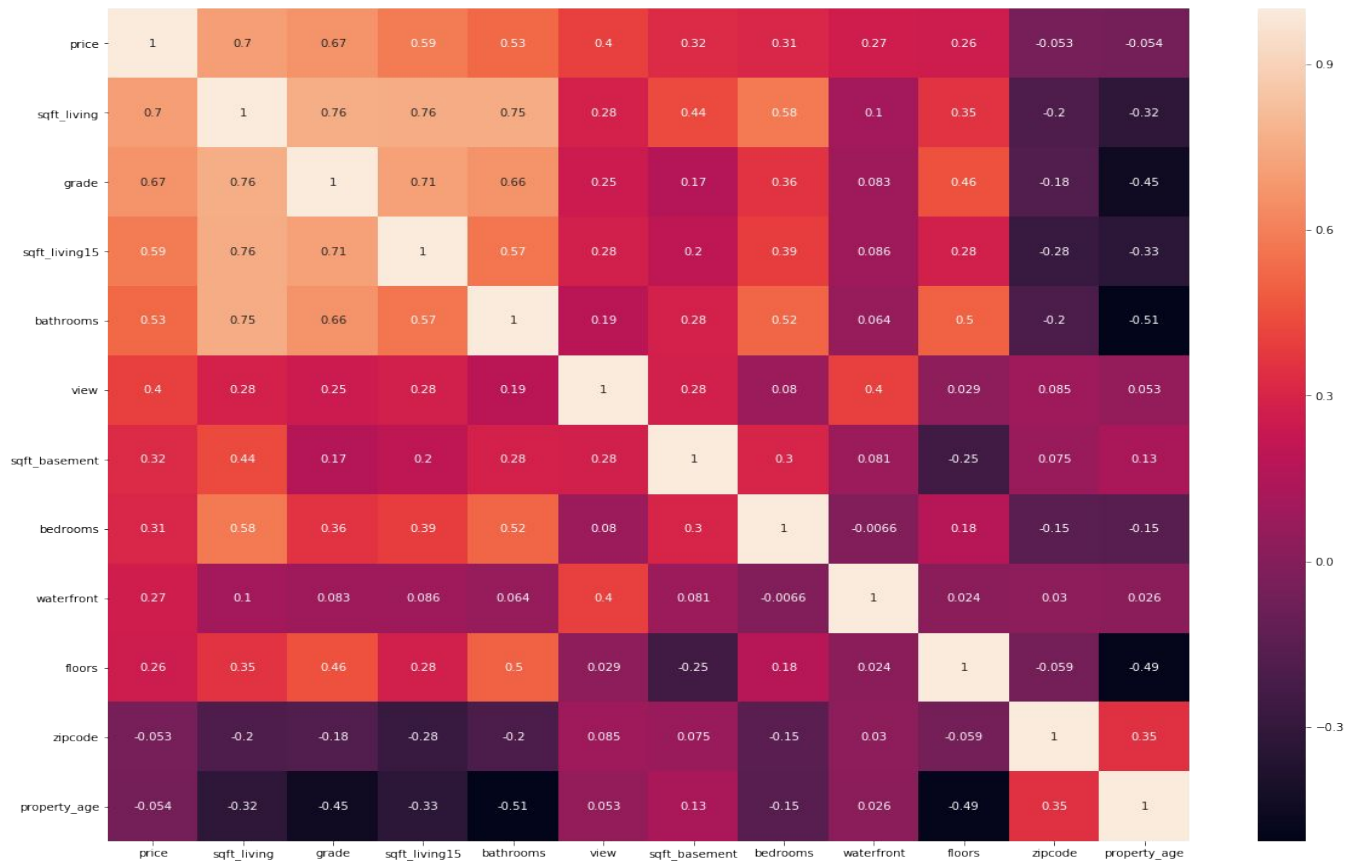
Shweta Pai

Objective



- Predict house prices.
- Data of house prices in King County, Washington State, USA for sales in 2014 and 2015.

Correlations between variables



Model Testing



**Multivariate Linear
Regression**



**Polynomial Multivariate
Regression**



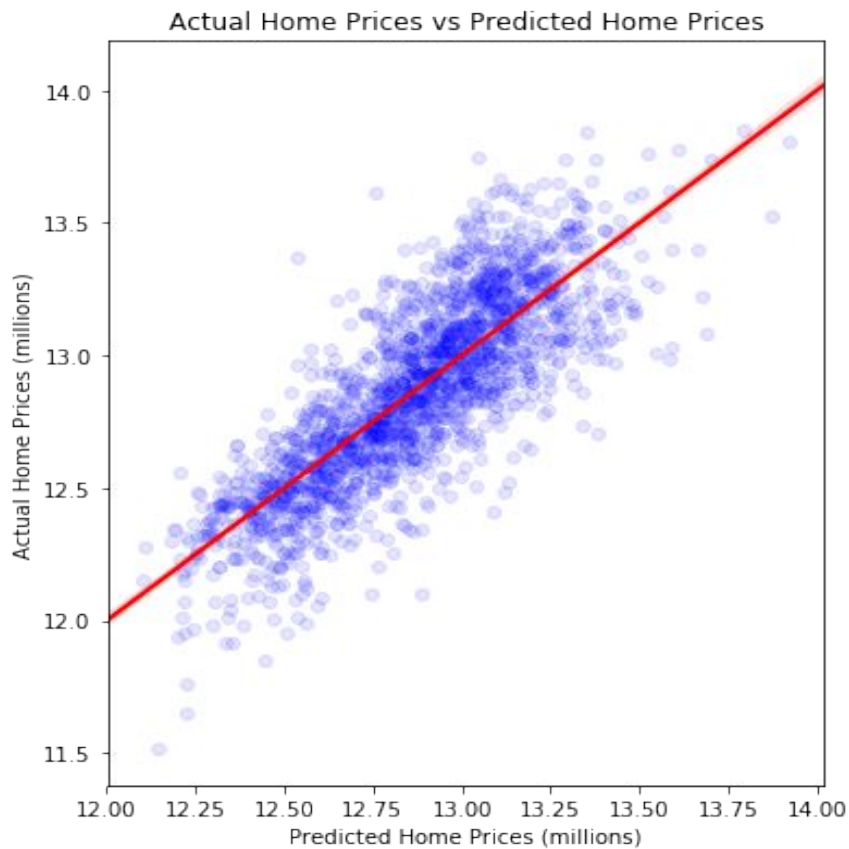
Lasso Regression

Results



$R^2=0.66509$

RMSE=90958 USD



Conclusion



- High RSME.
- Small number of features.
- Several factors contribute to house prices.

Future Work



- Include more features.
- Micro factors affecting house prices.
- Macro factors affecting house prices.



QUESTIONS??