

# Project 2

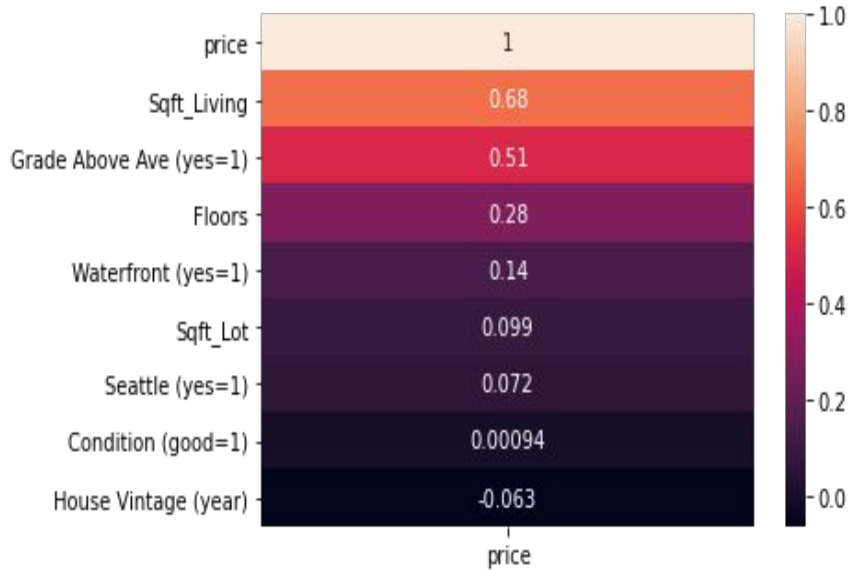
Group 3:  
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# Business and Data Understanding

- Zillow
  - Most Used Online Real Estate Website
- Underperforming Model
  - Washington Area
- Project
  - Inferential and Predictive Models



# Inferential Models

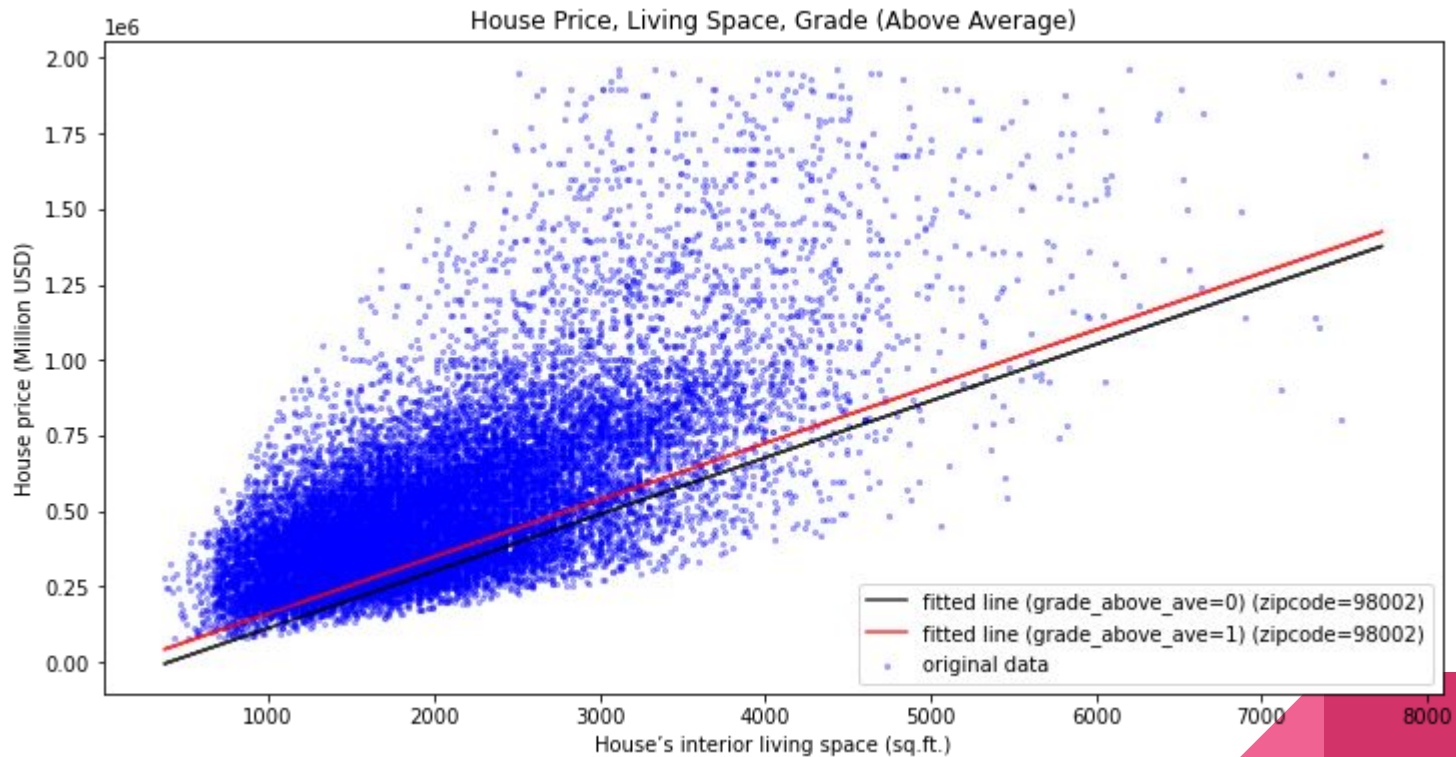


## Selected Features

- Sqft living
- Grade Above Average (yes=1)
- *Zipcode (ALL)*

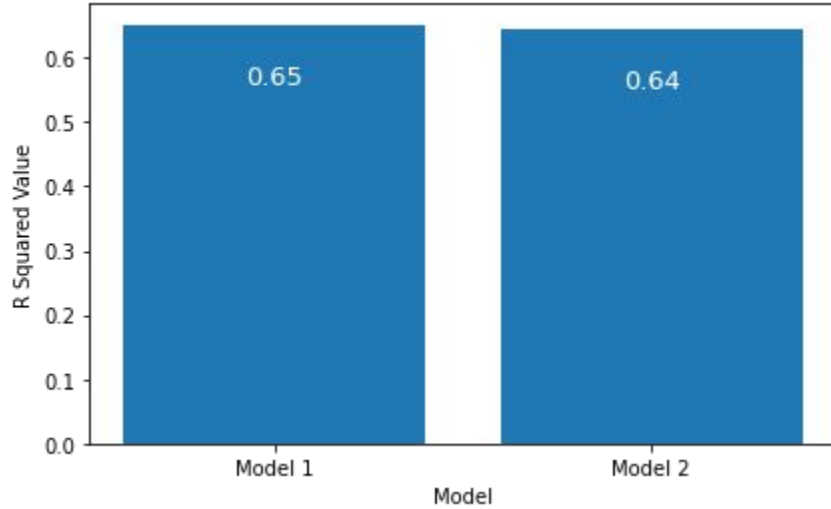
R-Squared Value: 0.773

# Selected Factors

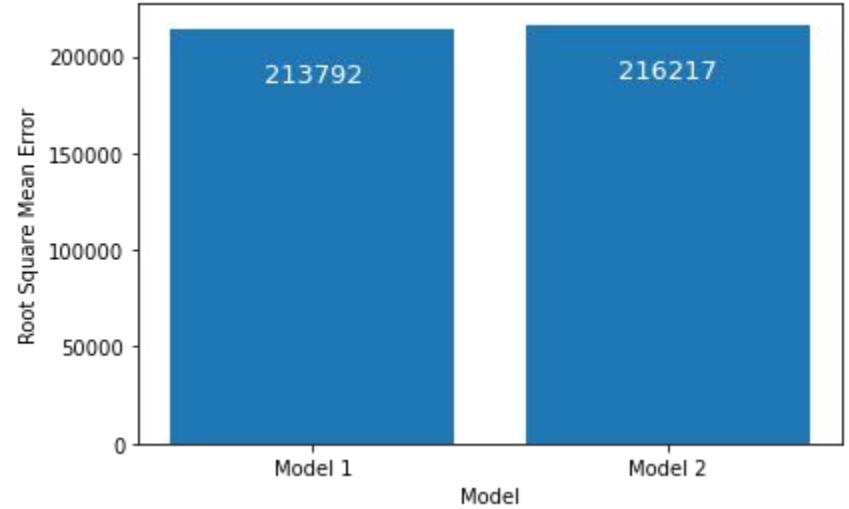


# Price Prediction Models

Model Comparison of R Squared



Model Comparison of RSME



# Next Steps/ Conclusion

- We need more data to draw useful conclusion
- We need more information on other external forces
  - Economy
  - Savings
  - Blackrock
- Keep your current model



# Thank You

Questions:

## Contact Information:

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- Emiko Naomasa
- Sumedh Bhardwaj

