

Housing Prices

Eyes to Analyze
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Introduction

- The purpose of our presentation was to predict housing pricing for a small town - Ames, Iowa.
- Our team joined a Kaggle competition which gave us the dataset.
- We chose this competition due to our shared interests in finances and housing market.



The Dataset

- The datasets we used were multiple large datasets consisting of approximately 80 columns per dataset.
- The tools we used to analyze the dataset was:
 - Jupyter Notebook
 - Python
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Data Steps

- First, imported the datasets
- Then, we cleaned the data and removed missing values
- Next, we created a new data set by listing the variables.
- We shifted through the variables to find the variables with poor correlation to the Sales price.
- From there, we started the machine learning process.



Machine Learning Model

- We used both:
 - Random Forest and,
 - Gradient Boosting



Some Code



Visuals



Conclusion/Summary



Next Steps