



Housing Prices in Ames, Iowa

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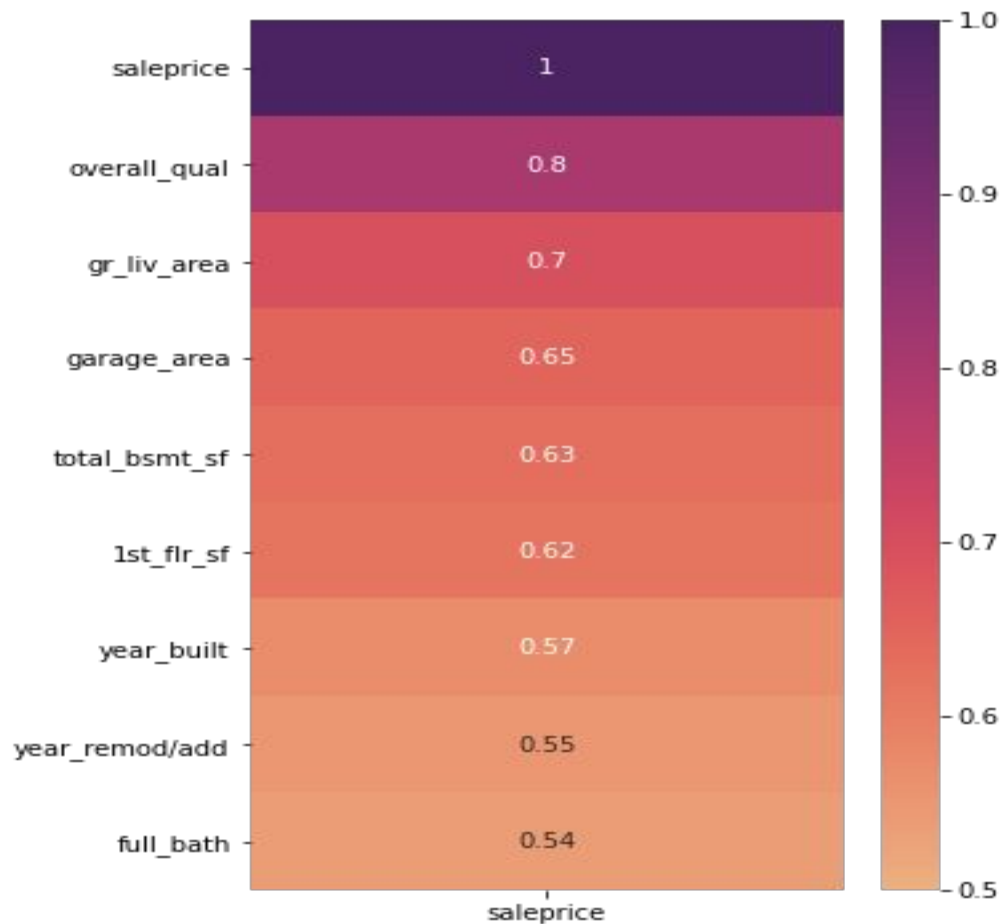


Problem Statement

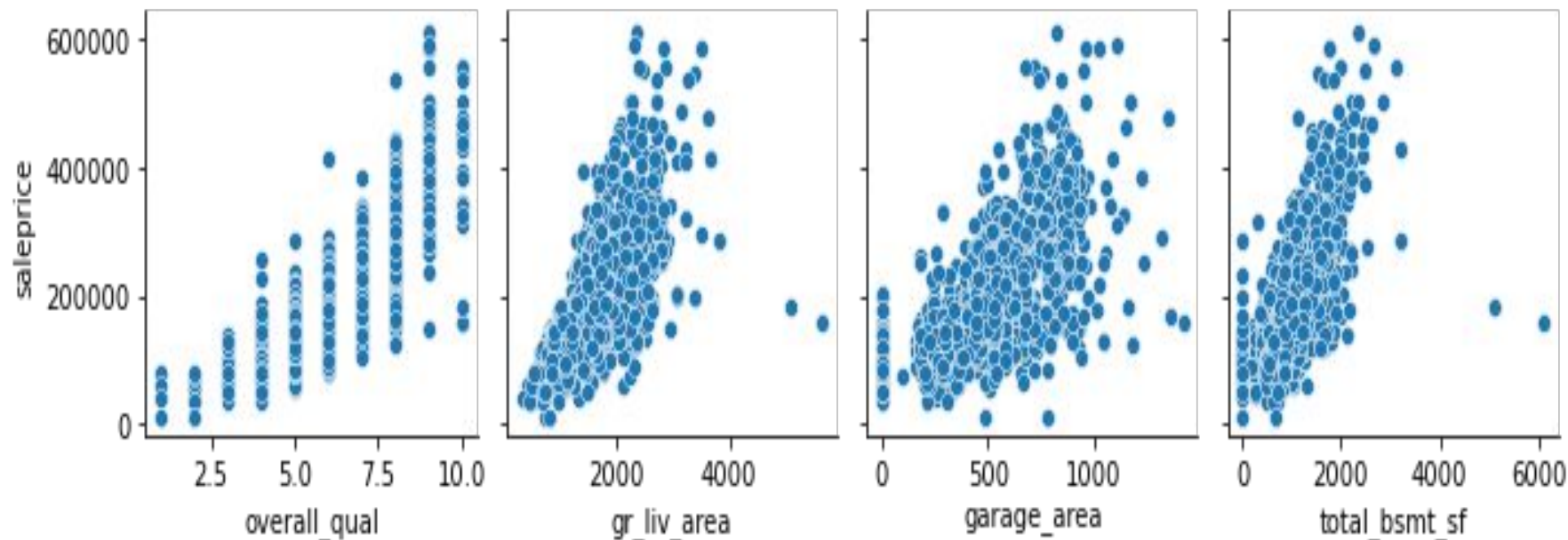
There are many things to consider when a person is looking for a home or a homeowner is looking to sell. This project aims to look at the features that directly affect sale price of homes in Ames, Iowa

Data Correlation

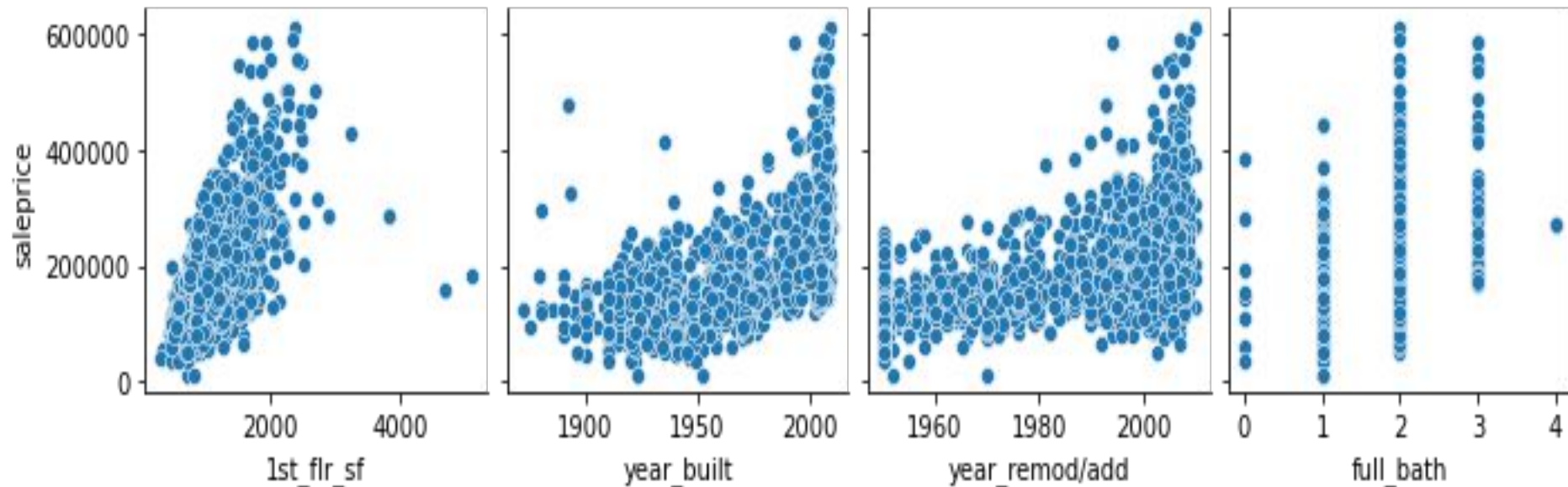
- Features with correlation greater than 0.5



Data Visualizations



Data Visualizations



Model

- R^2 score of 0.85
- measures the proportion of variation in the sale price of homes that can be attributed to the features

Conclusion

- Overall quality had the most correlation to sale price and other features like home renovations can increase the value of a home and increase the sale price.