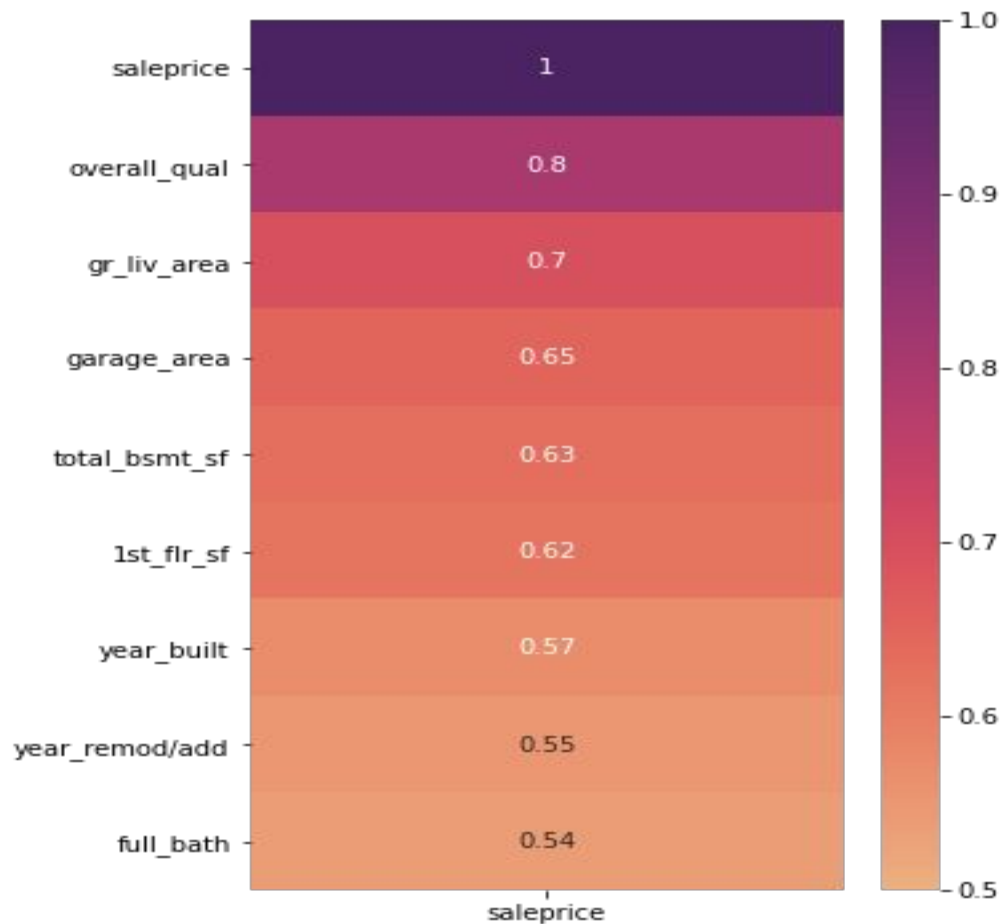# Housing Prices
# in Ames, Iowa
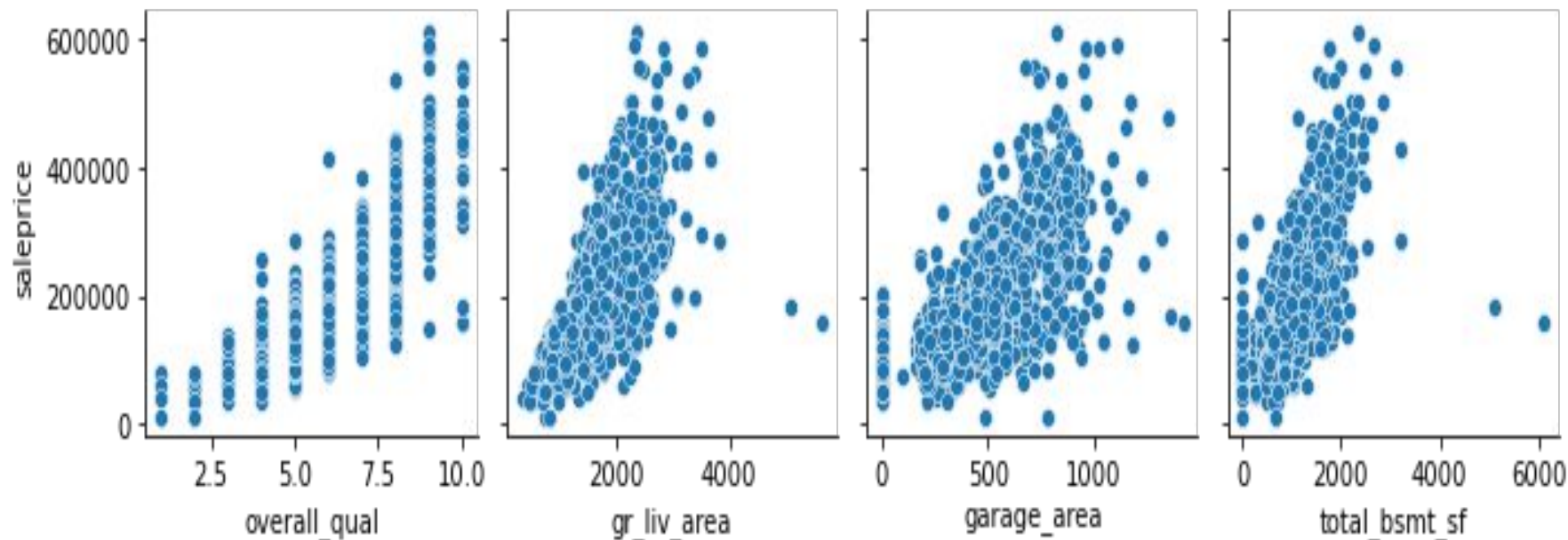
Anthony Zurke

# 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
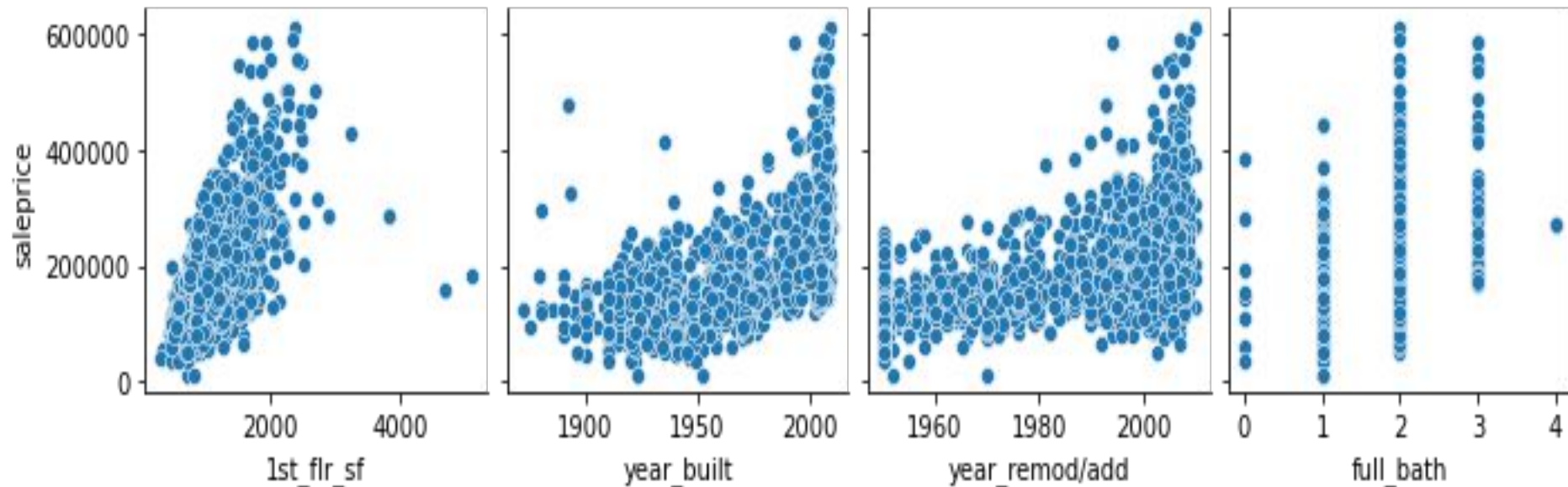
# Data Correlation

- Features with correlation greater than 0.5

# Data Visualizations

# Data Visualizations

# Model

- Linear Regression
    - Train R2 score of 0.83
    - Test R2 score of  0.85
- Lasso
    - Train R2 score of 0.85
    - Test R2 score of  0.87

# 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.