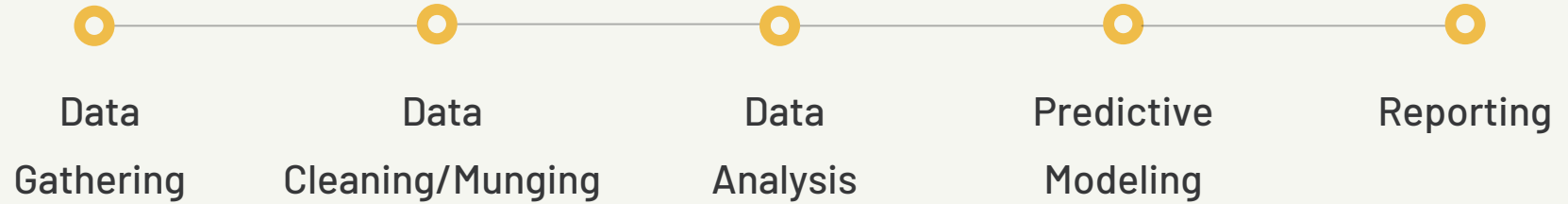# House Price Prediction

Ames, Iowa

Problem Statement

What are the most important features that contribute to the price of a house?

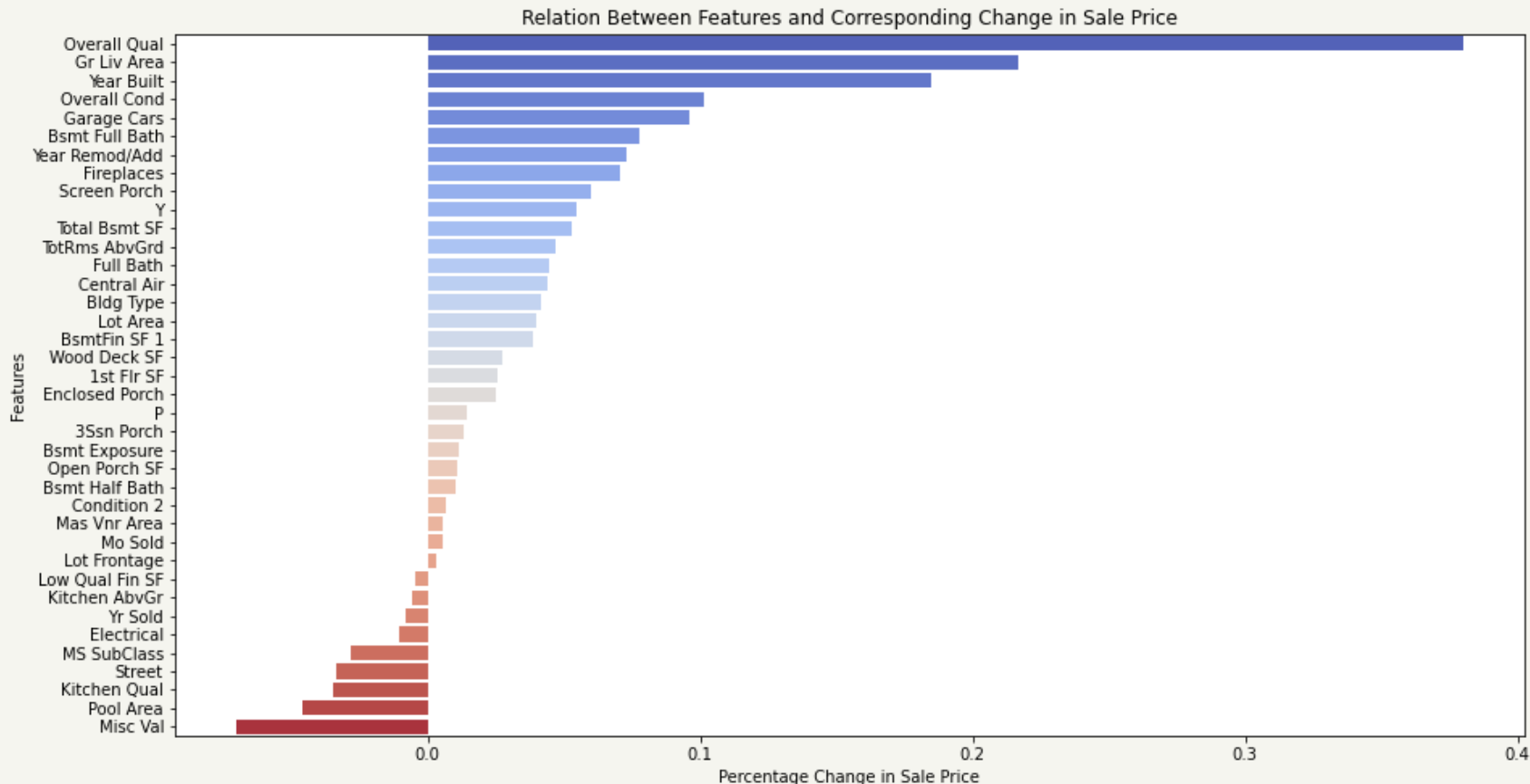Can these features be used to create a model that can predict price of a house?
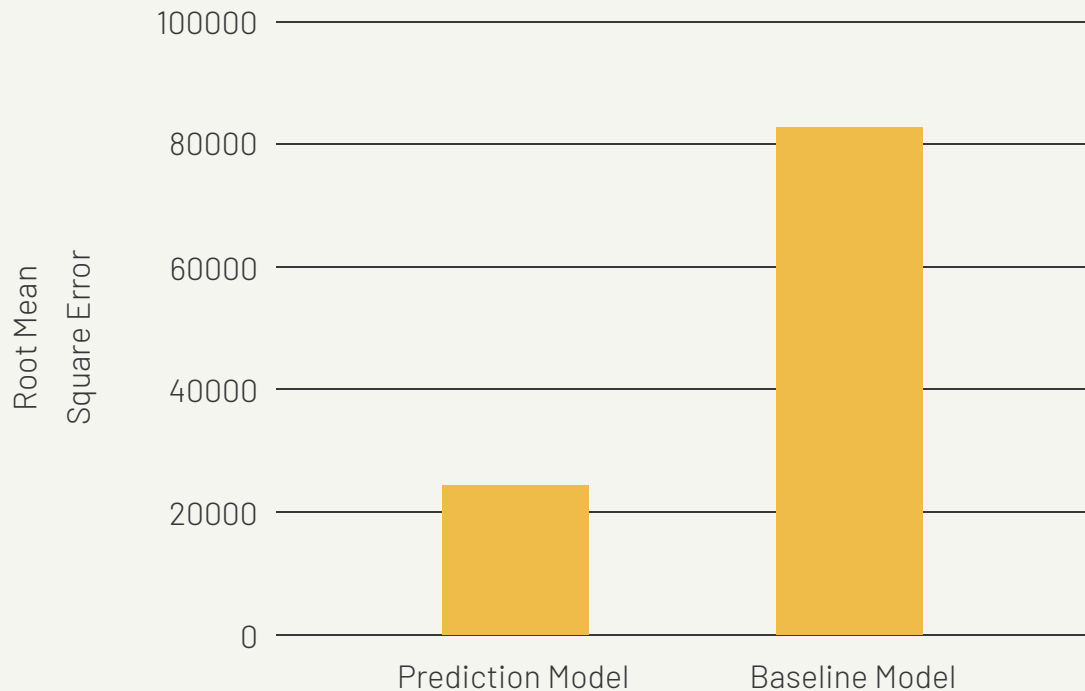
Walkthrough

Data
Gathering

Data
Cleaning/Munging

Data
Analysis

Predictive
Modeling

Reporting

House Features (Model Coefficients)

Relation Between Features and Corresponding Change in Sale Price

Comparison to Baseline Model

Conclusion

Overall quality and condition and living area of the house - strongest positive features

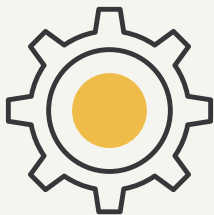External factors like paved driveway, wooden deck, screen & enclosed porch increase Sale Price

Old house, miscellaneous features, pool area and old electrical systems hurt the Sale Price
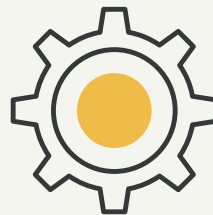
An old house contributes to most of the prominent factors detrimental to Sale Price

Future steps

Identifying the features that improve the Overall Quality & Condition metrics

Exploring resources required for remodeling old houses to reduce loss in Sale Price

Thank you!

Any Questions?