



# King County Real Estate Analysis

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# Summary

This project analyzes the housing data from King County, WA for Keller Williams Realty to gain insight into features of a home impact the sales price of the property.

Initially, the main focus will be to select which feature other than heat sources impacts the price of the home. Although, once selected, the features will be modeled to determine the impact the features have on the property's value and by how much.

According to the models:

- The size/square footage of the living room and the heat sources will need to be renovated and should be the main priorities.
- Switch to gas-powered heat - when compared to electric-powered homes, gas-powered homes increased the sales price by approximately \$97,000.
- Increase the size of the living room, keeping in mind that each square foot increase will yield an associated increase of \$302 in the property's price.

# Outline

- Business Problem
- Data
- Methods
- Results
- Conclusions

# Business Problem

- 1) **Explore the relationship between the heat source of the home and its sales price, quantifying the impact, if possible.**
- 2) **Determine another feature that can serve as a reliable predictor of a home's sales price.**
- 3) **Select what renovations need to be made based on model results.**

# Data

Describe relevant characteristics of your data here

# Methods

Describe the methods you used here. Can include data preparation, analysis, and/or modeling

# Results

Present the results of your analysis or modeling here. Should include evaluation of how well your results solve the business problem.

# Conclusions

Present your conclusions about the project here. Can include business recommendations, project limitations, and/or future improvement ideas





# Thank You!

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