

Real Estate Modeling Project

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A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the slide.

Summary

- Use real estate data to create model
- Use model to find features affecting price

Most significant features:

- Living area
- House Grade
- House Condition

Outline

- Business Problem
- Data
- Methods
- Results
- Conclusions

Business Problem

Real Estate Investment Firm

- Decide how to improve existing properties
- Determine most profitable renovations
 - Find most effective features

Data

Collection of data on house sales in King County.

Important features:

- Living area
- House condition
- House grade

Methods

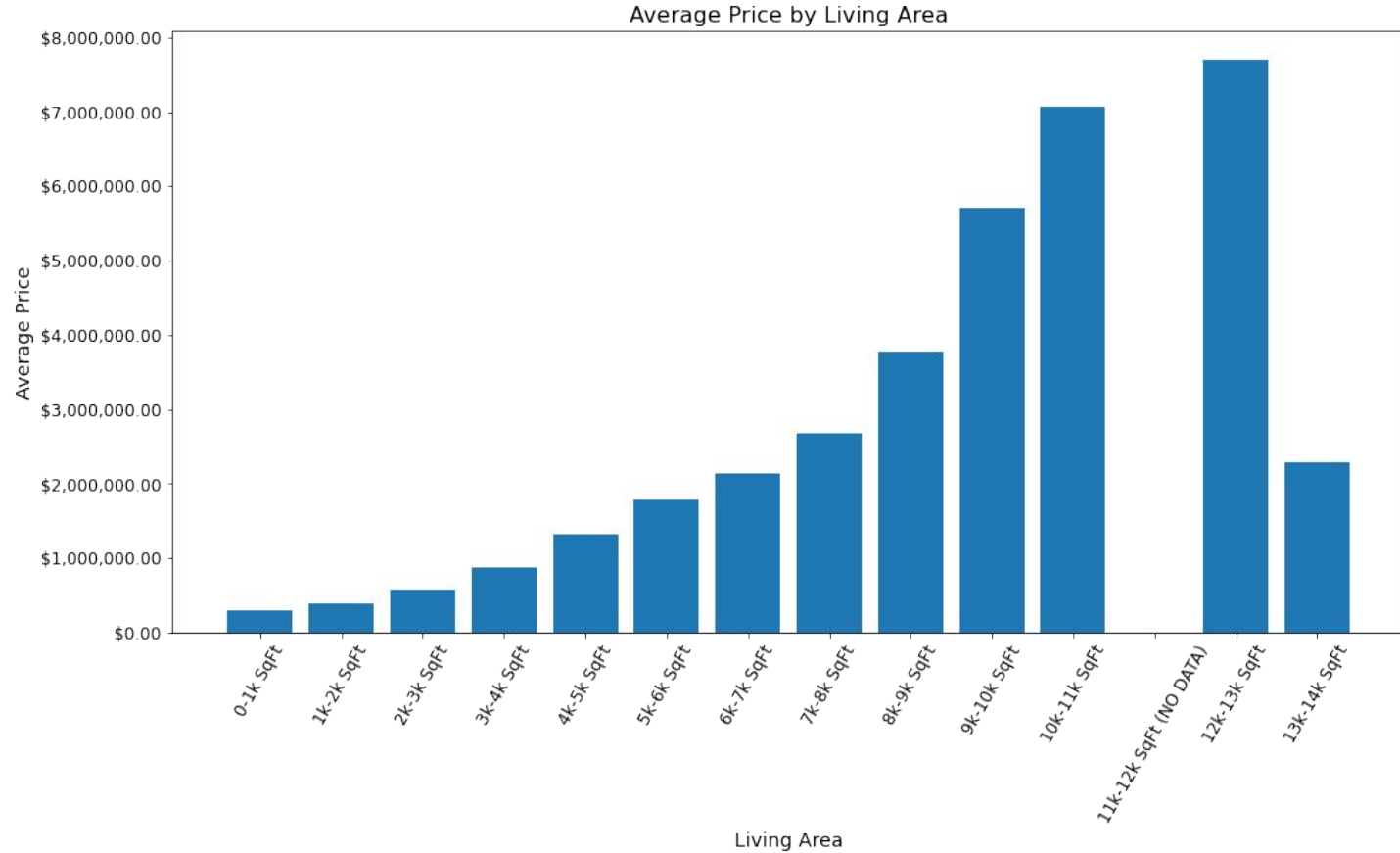
Data

- Clean data
- Preprocess data

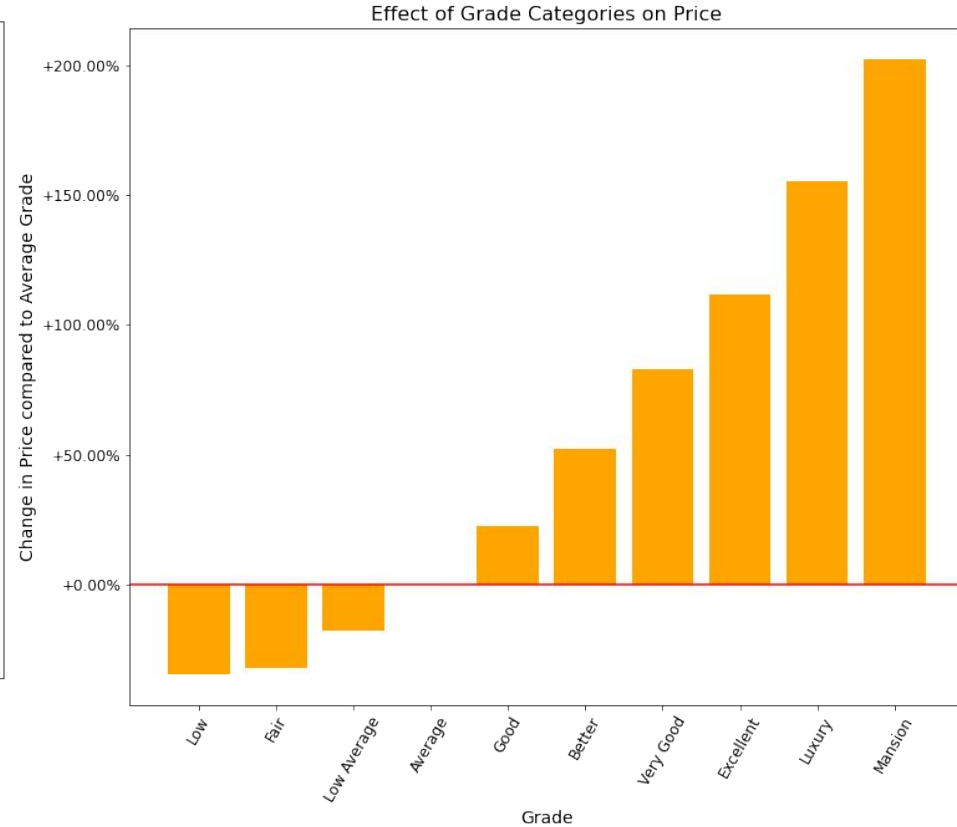
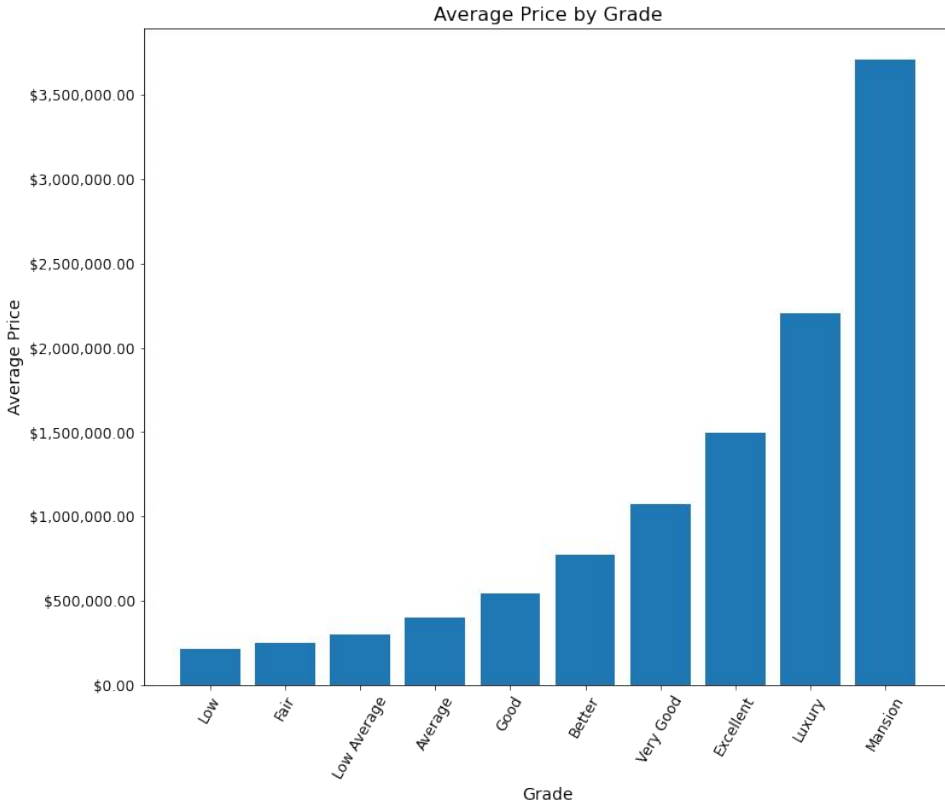
Modeling

- Iterative modeling

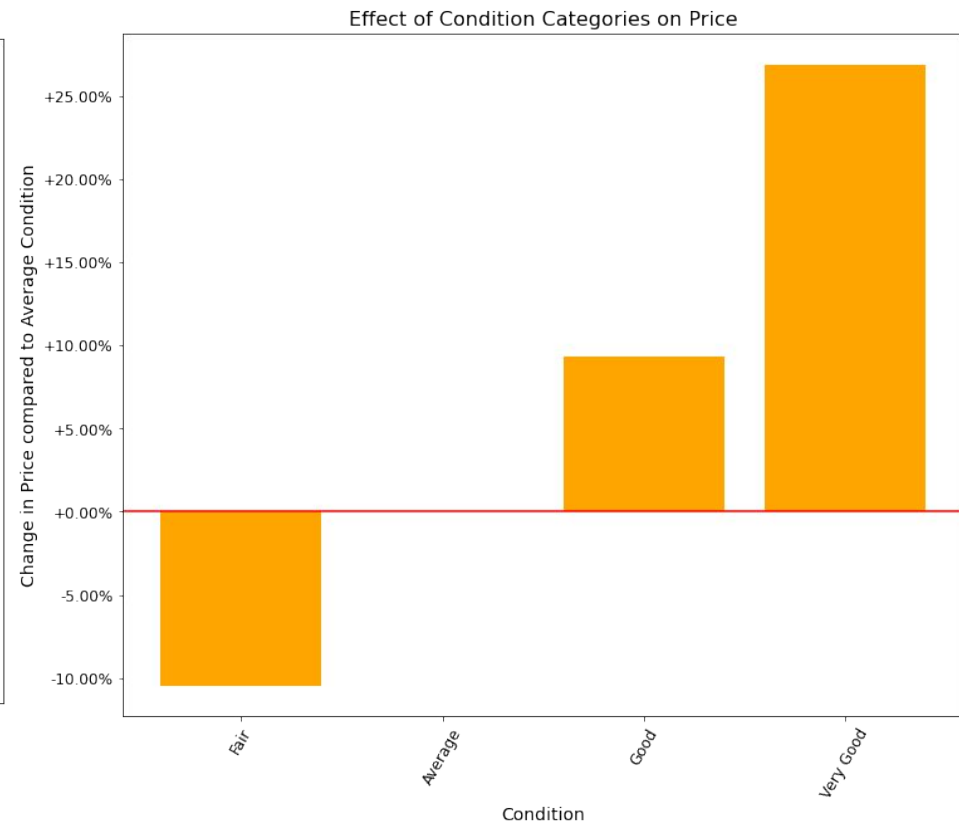
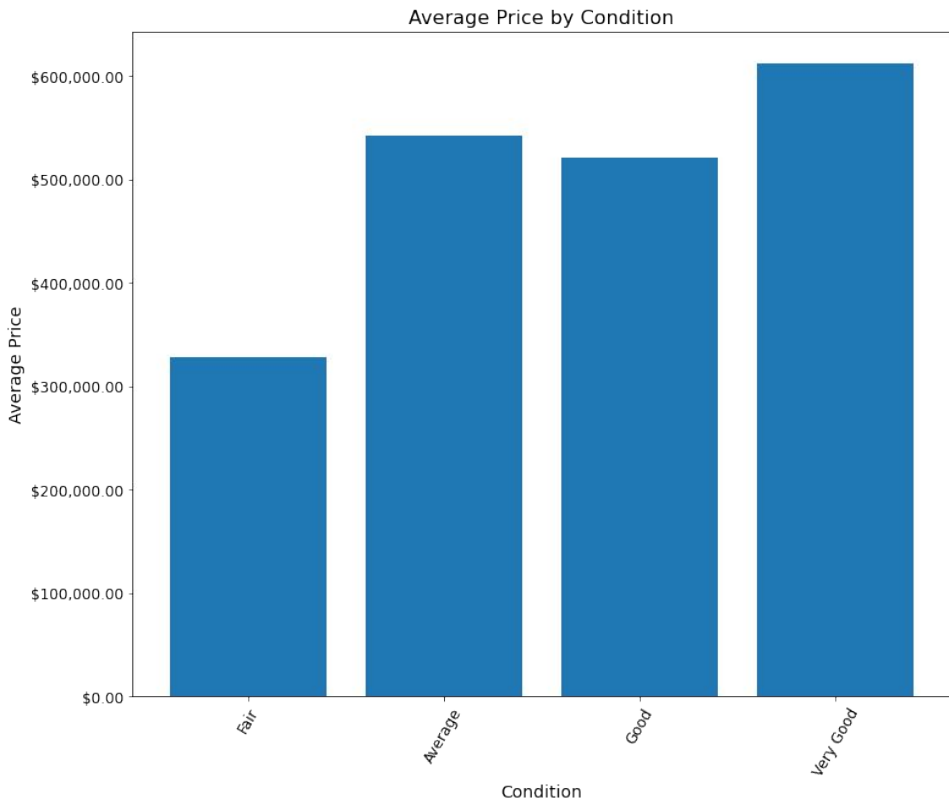
Effect of Living Area on House Price



Effect of House Grade on House Price



Effect of House Condition on House Price



Conclusions

Significant Features

- Living Area
- House Grade
- House Condition

Next Steps:

- Understand Cost of Renovations
 - Determine Profitability

Thank You!

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