

# **Phase-2 Project Report**

## **Review**

Deepali Sharma (10/28/2022)

# Overview

- Business Goal
- Modeling Data
- Recommendations
- Future Work

# Business Goal

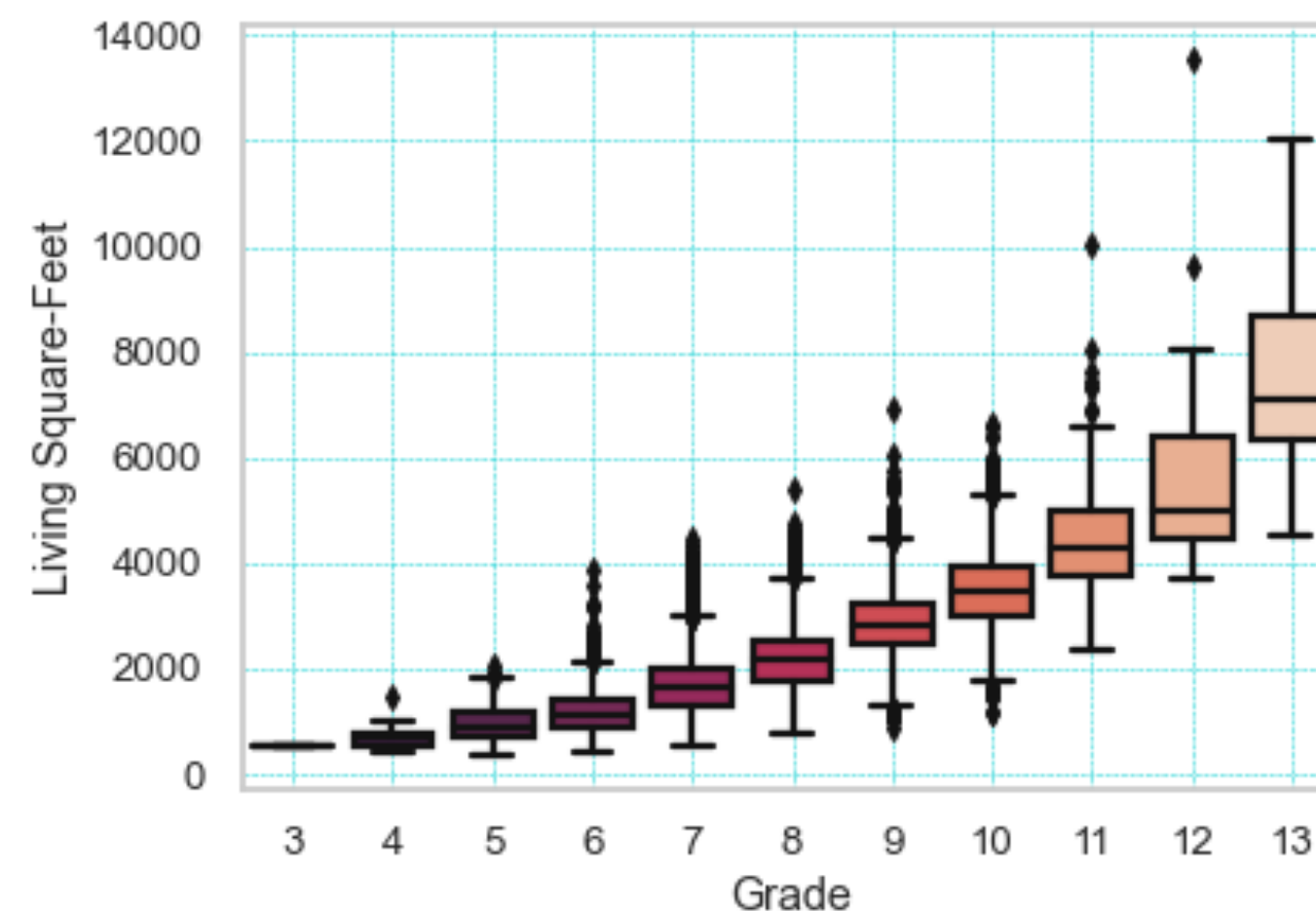
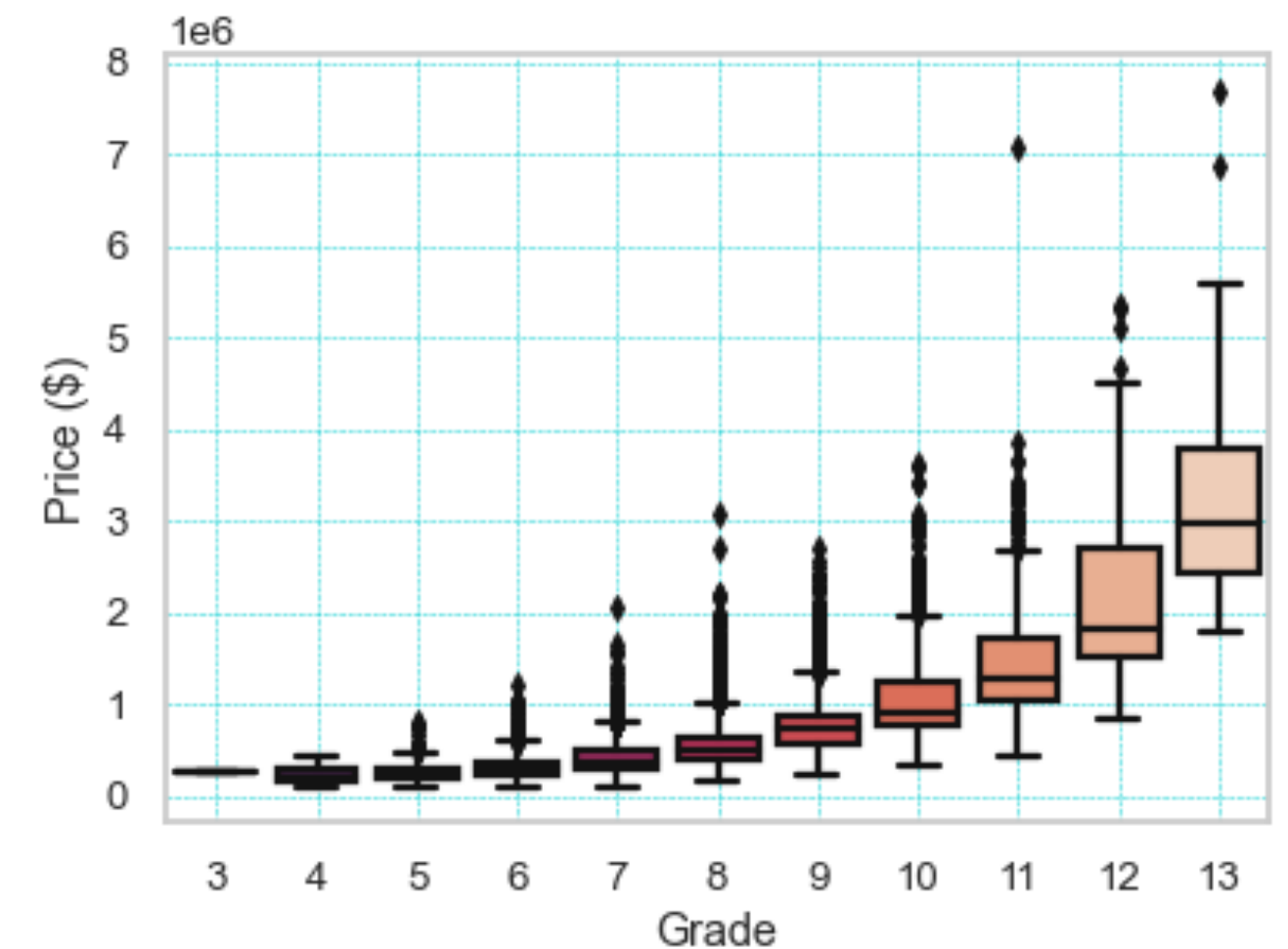
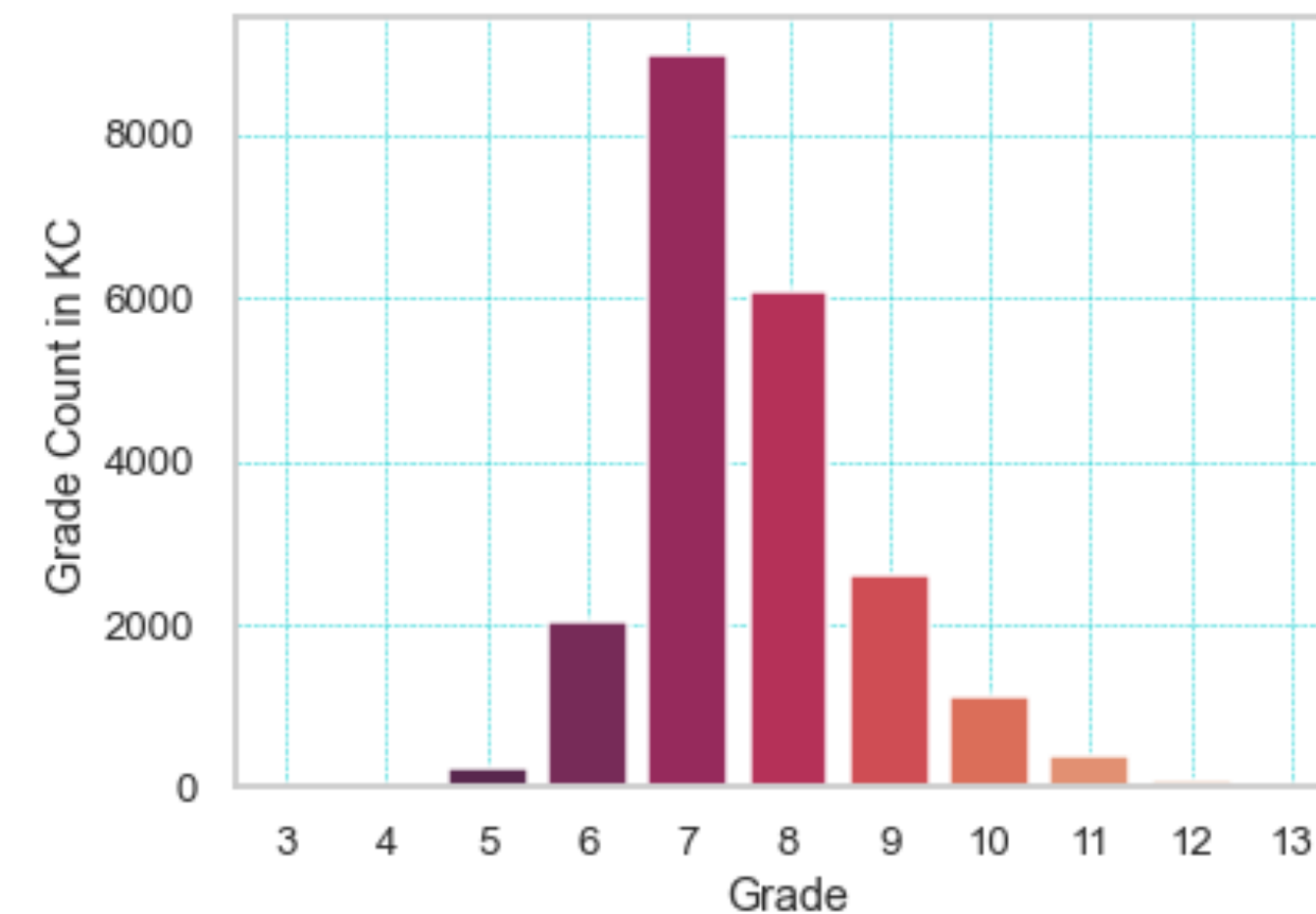
- Objective of the Project
  - We have House sales data from Kings County and based on that we need to provide some recommendation that can be useful
- Proposed Business Goal
  - What kind of houses a real estate agency should buy and sell to maximize their profits

# Modeling Data

- First step is to see if we can use some regression analysis to model the data.
  - This helps to provide information about the important features that impact the sale of price
- Using Linear Regression, I was able to fairly model the data, and results indicated that most important features that affect the prices are
  - Living square footage, construction quality of house and having a waterfront

# Recommendation

- Flip (some renovation) the houses that have low grades between 5 and 6 but similar living square footage as the houses with grades 7 and 8 (most houses sold belong to this category)



# Thank You

- **Deepali Sharma:** email:(deeps.sharma@gmail.com, deepali@rcf.rhic.bnl.gov)
- **Linkedin:** <https://www.linkedin.com/in/deepali-sharma-a83a126/>
- **GitHub:** <https://github.com/deepssharna>