Phase-2 Project Report

Review

Deepali Sharma (10/20/2022)

Overview

- Business Goal
- Modeling Data
- Recommendations
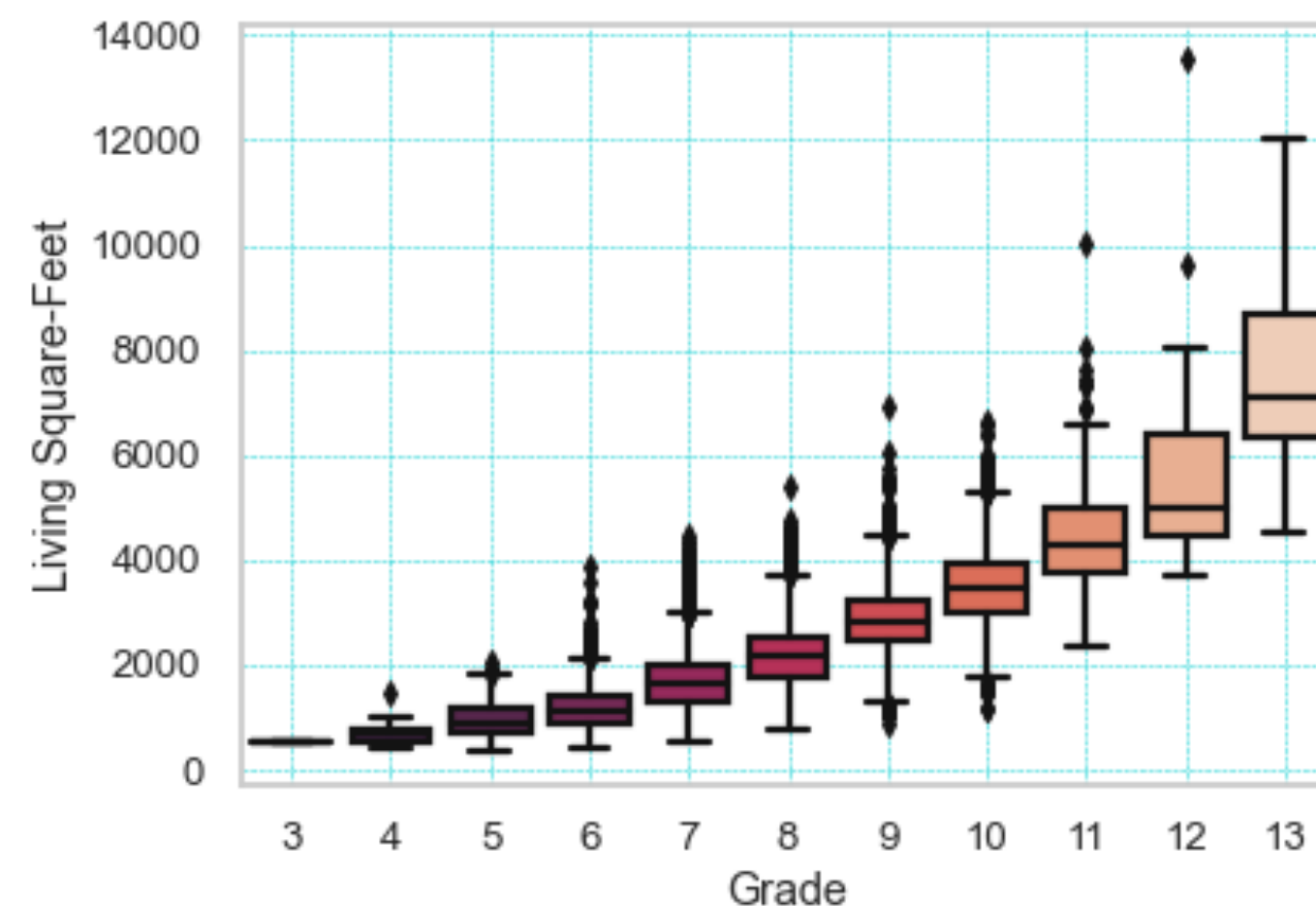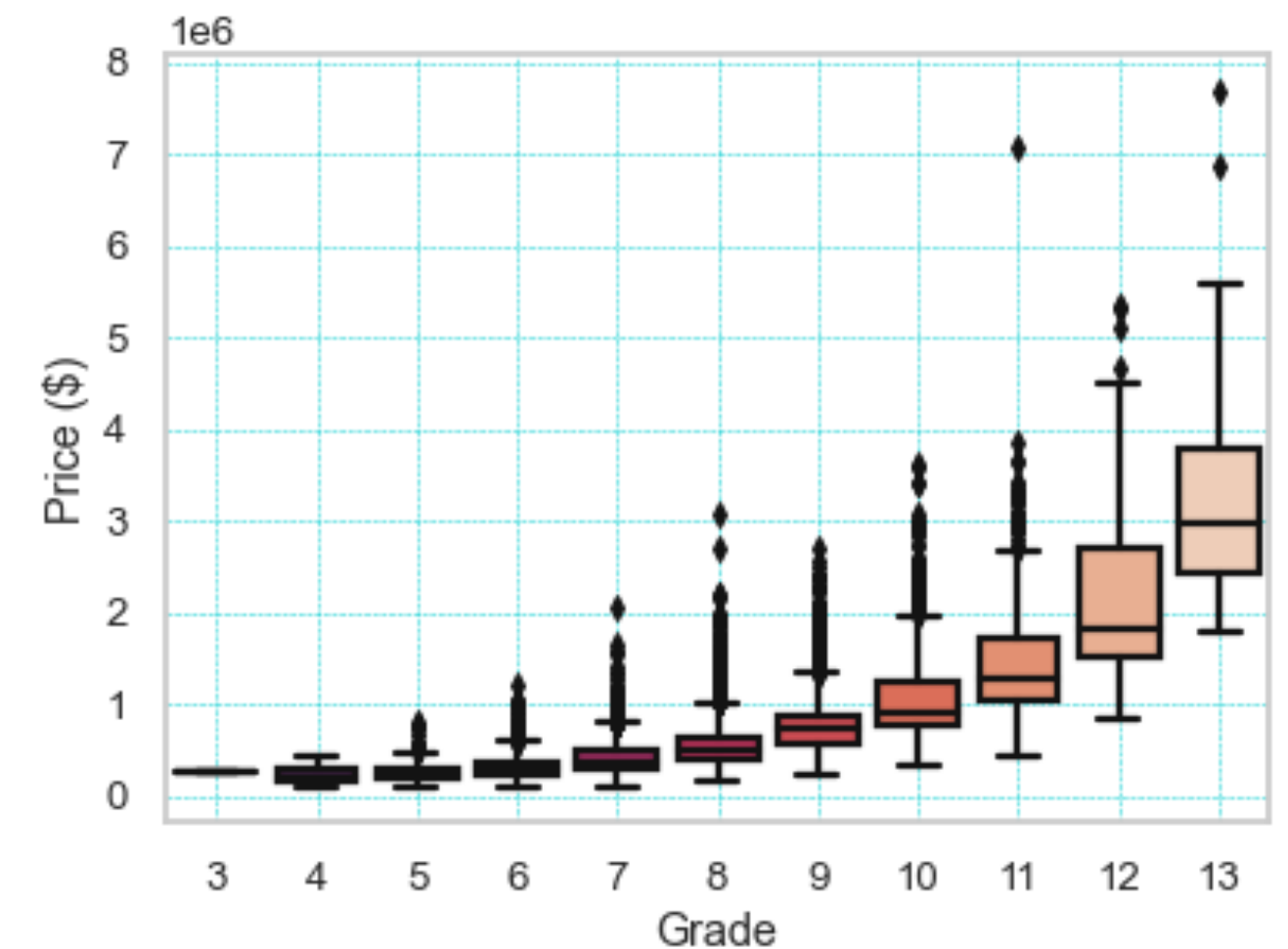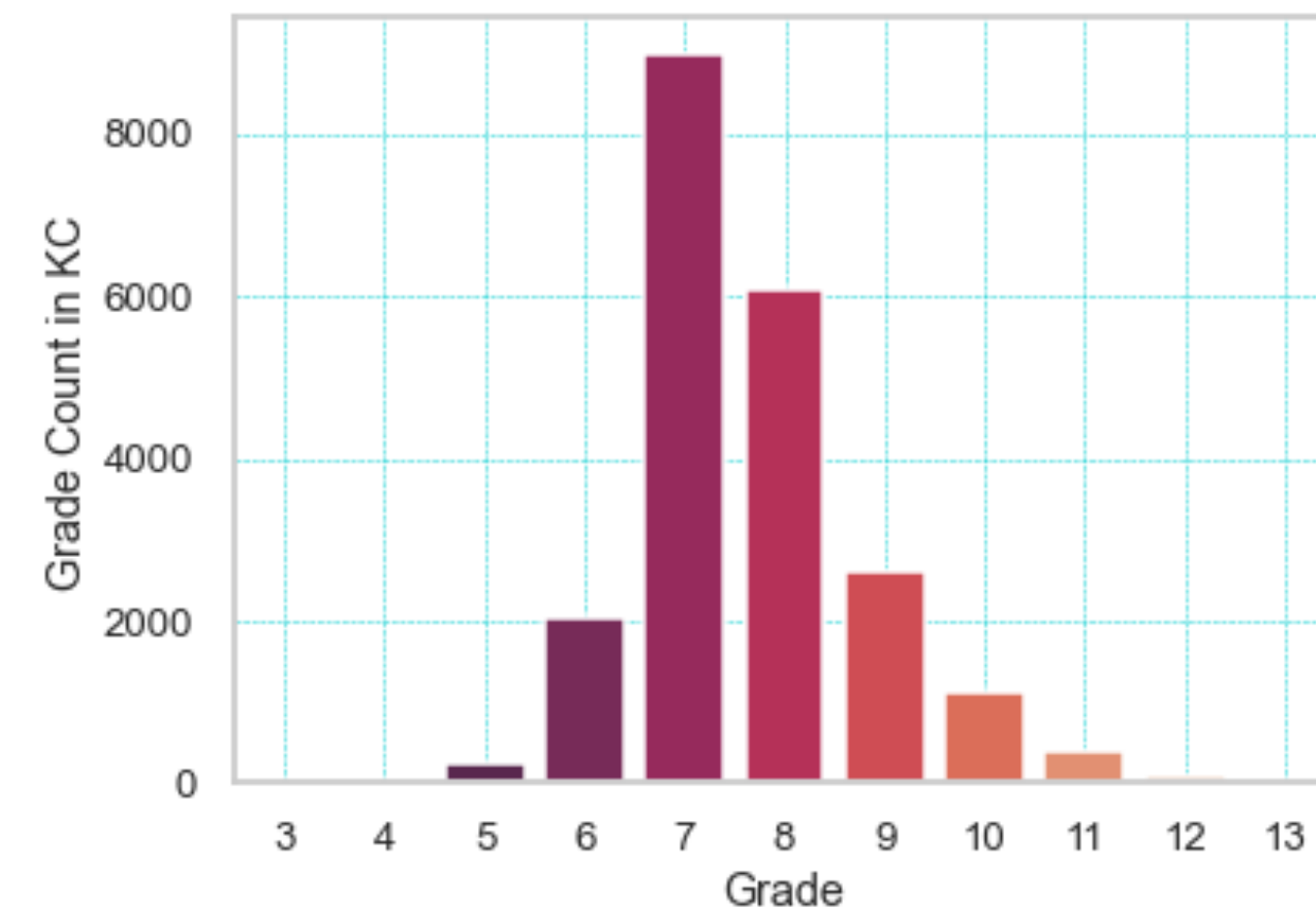- Future Work

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
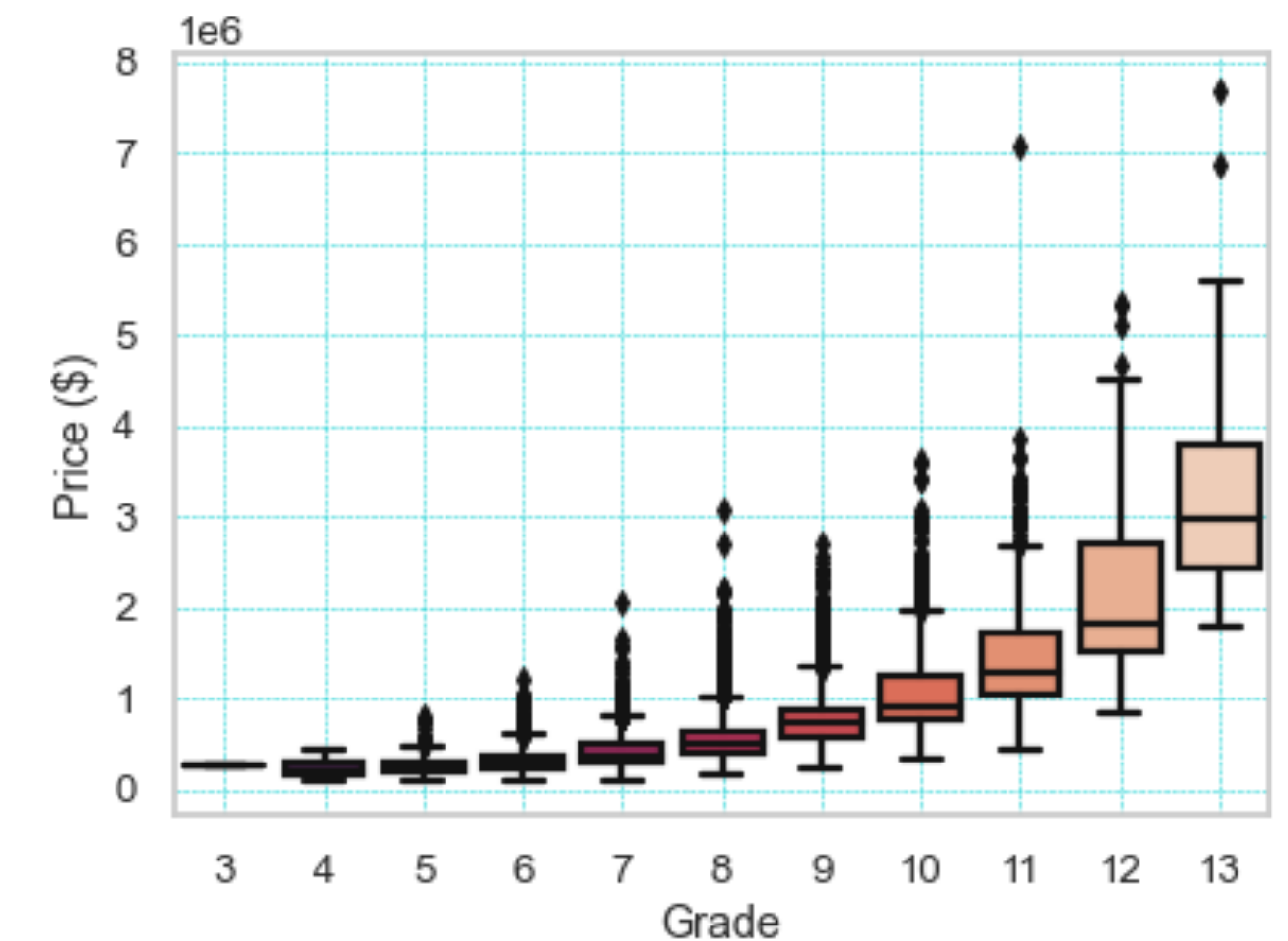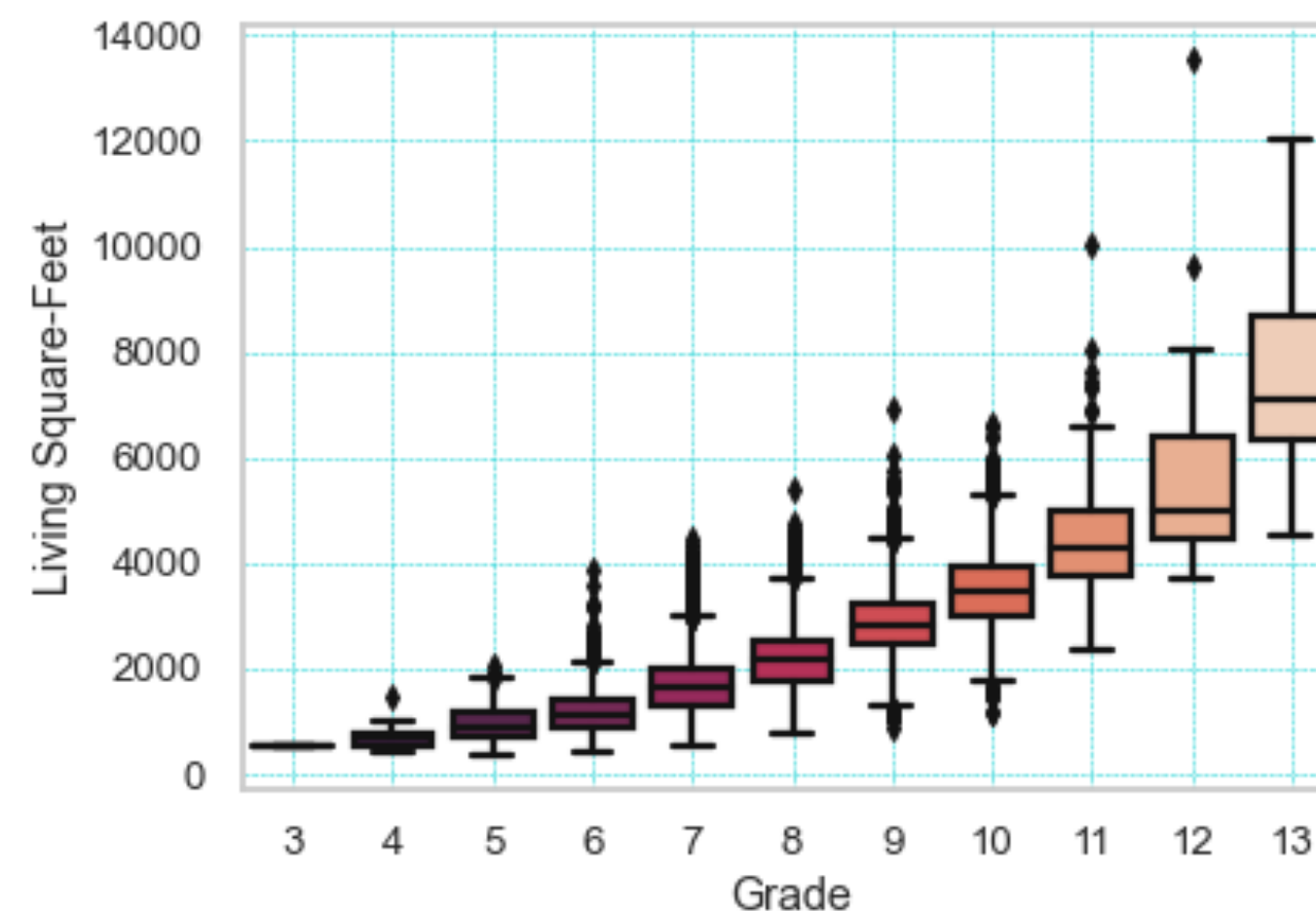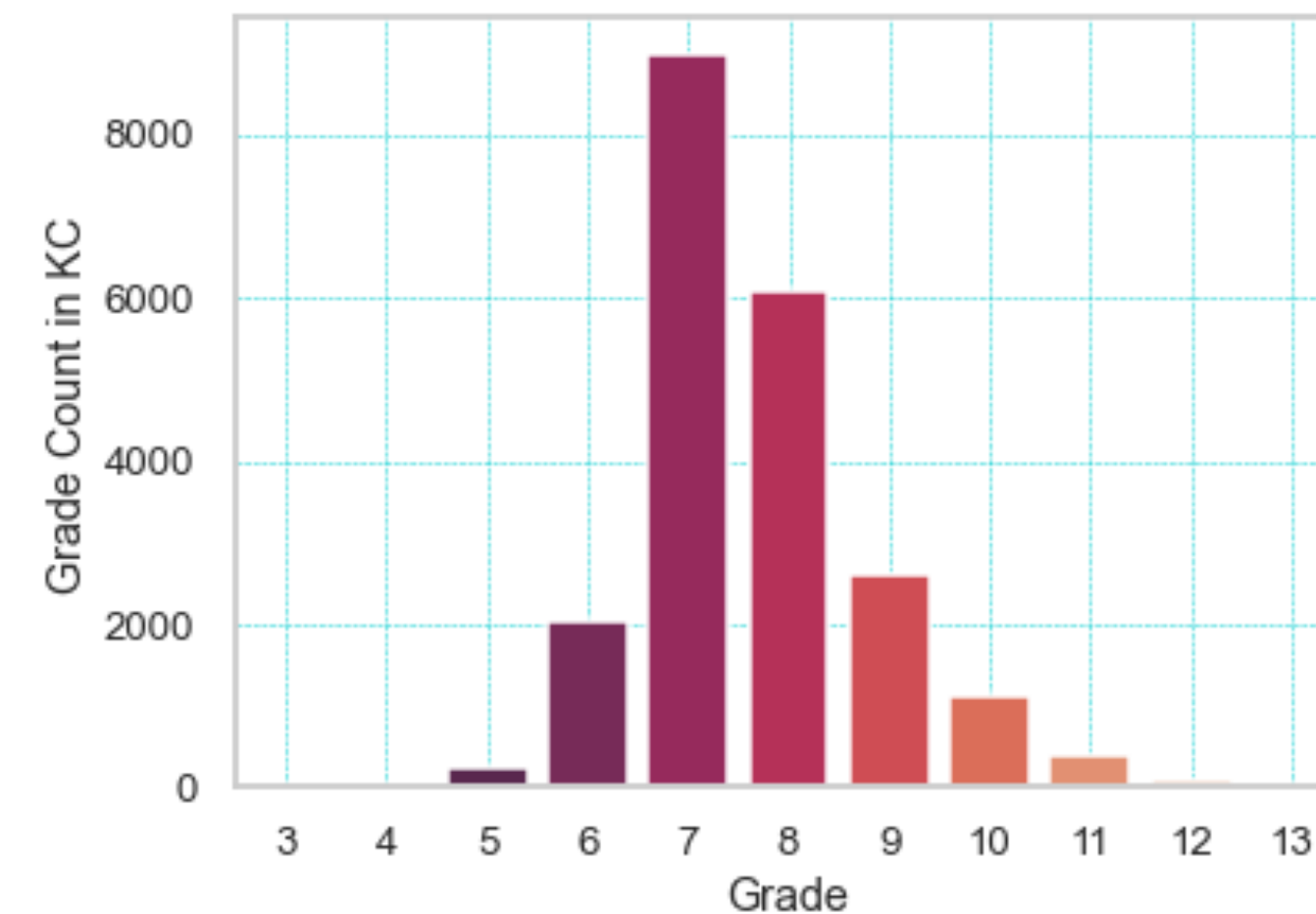
Recommendation

- 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)

Future Work

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Thank You

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