



# **KING COUNTY HOUSING: PROJECT PRESENTATION**

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# INTRODUCTION

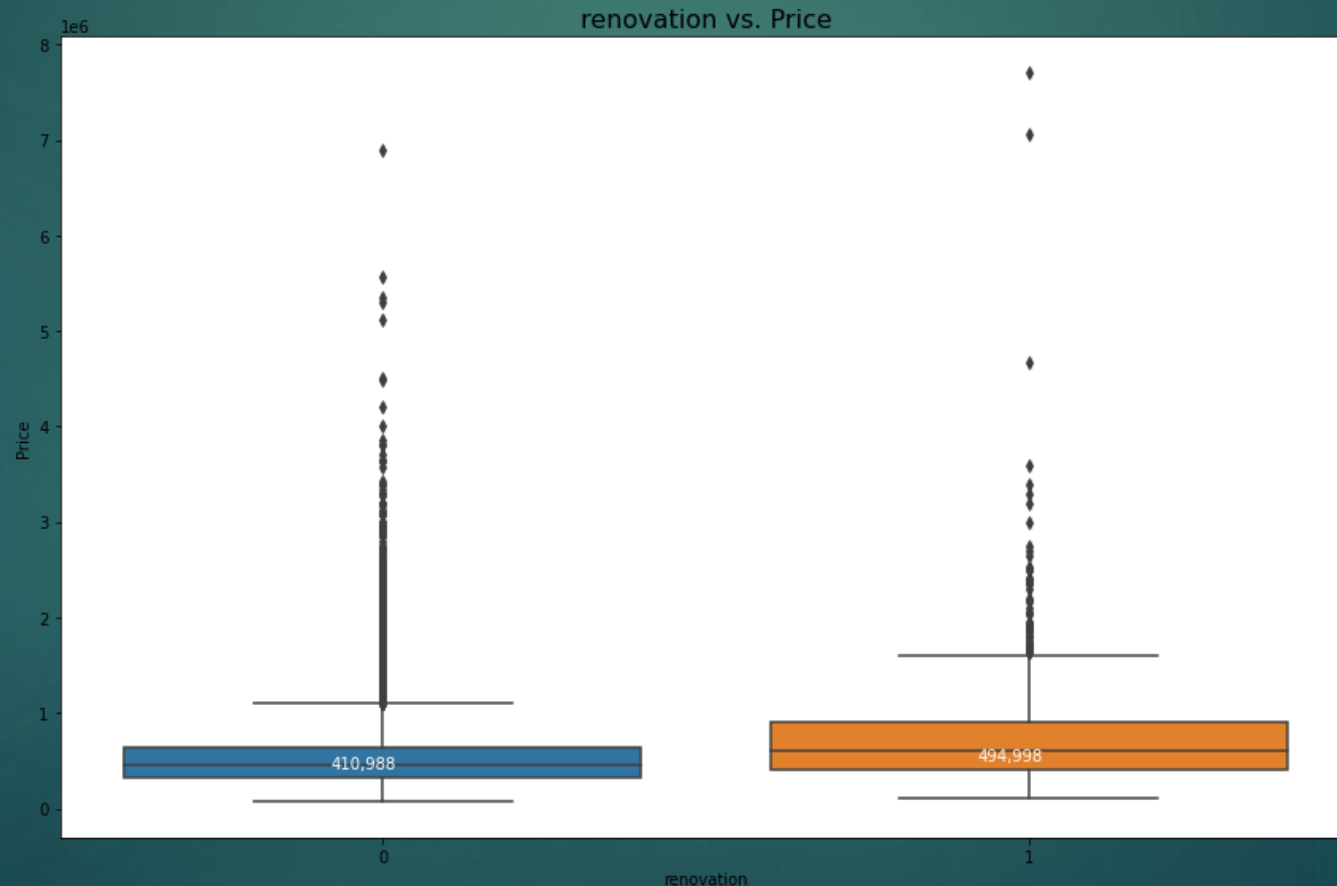
- ▶ In this project, we set to understand the housing market in King County to establish the factors that determine the pricing of the houses.
- ▶ We will analyze the data provided and give recommendations to the various stakeholders on how to optimize the prices while offering quality housing
- ▶ Specifically, as our objective, we will set to determine whether the grading, condition and what other factors significantly affect the house prices

# Methodology

- ▶ We began by cleaning our data, checking for missing values and duplicates
- ▶ This is then followed performing multilinear regression on our data to find the effect of the predictors on our target variables

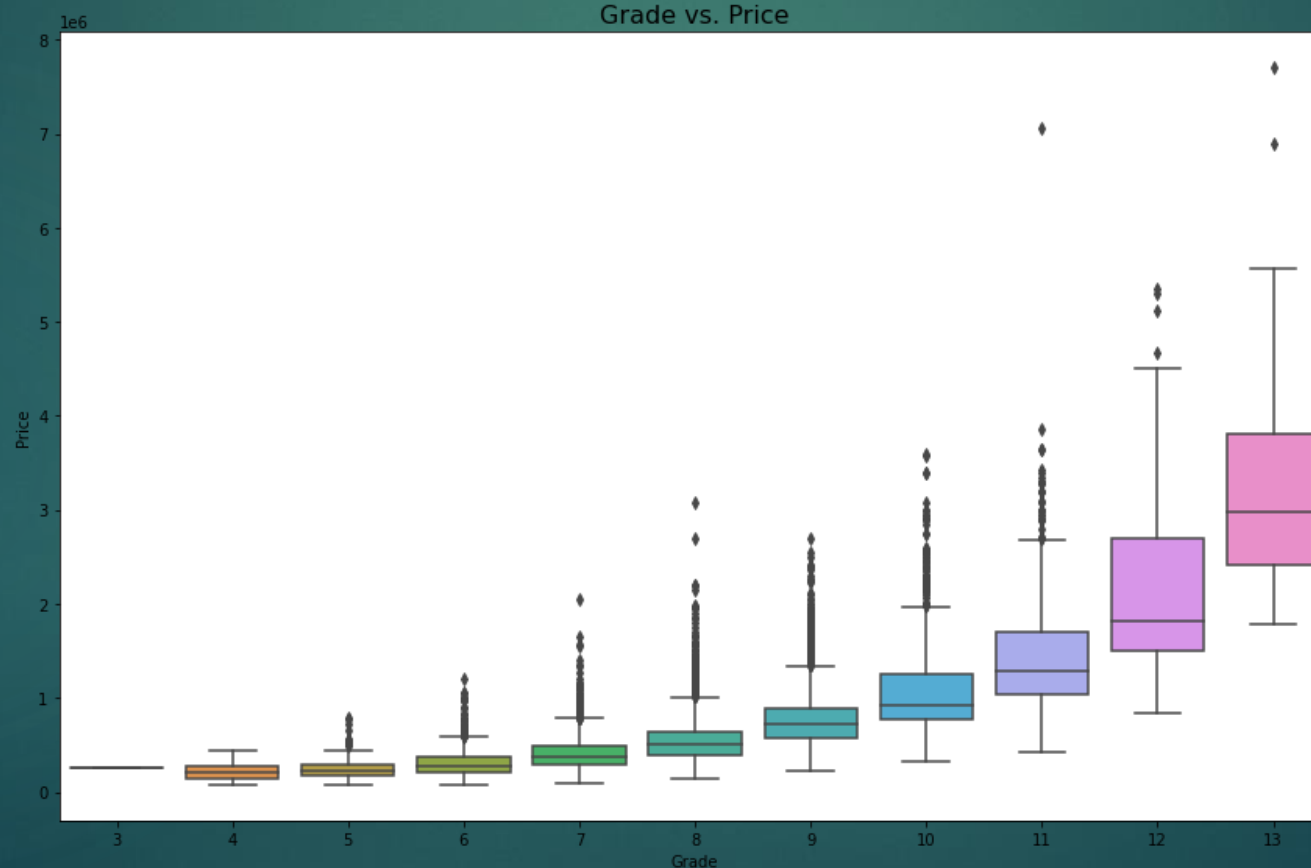
# Findings

- We determined that the prices of the houses are higher when the houses have been renovated as shown below



# Findings...Cont'd

- From our model we established that houses with a higher grading are often accompanied by higher prices as seen in the chart below



# Conclusion & Recommendations

## Conclusion

- ▶ We can conclude that the price of renovated houses is 84,000 more than houses that have not been renovated
- ▶ The higher the grading of a house, the higher the price of the house

## Recommendations

- ▶ For stake holders to maximize on sales of their houses they have to ensure that:
  - \* Houses are renovated as soon as they show any signs of dilapidation
  - \* The houses earn a high grading from the municipality as this has been seen to have an effect on pricing