

ANALYSIS OF KING COUNTY HOUSES

OVERVIEW

The king house data analyses houses in order to make recommendations to a real estate ,from this data we will be to maximize on the house's resale values.

BUSINESS PROBLEM

The real estate company is interested in doing renovations to improve the home values in King County. We will understand the market value then recommend profitable renovations for King County house clients.

DATA UNDERSTANDING

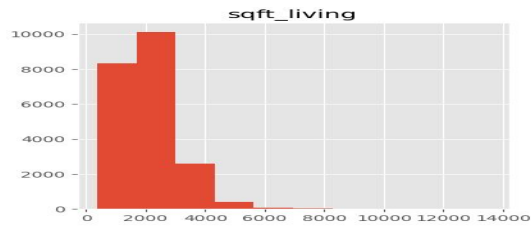
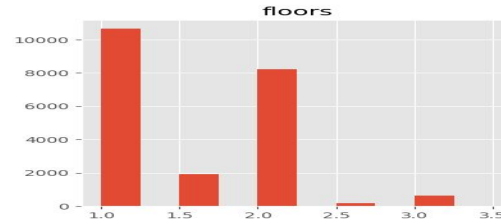
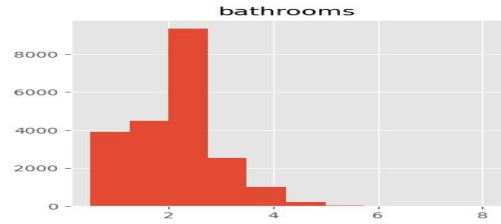
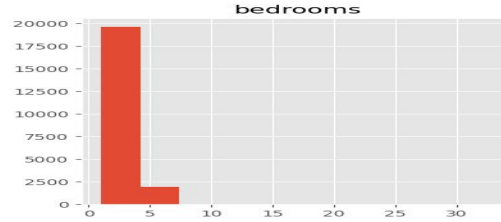
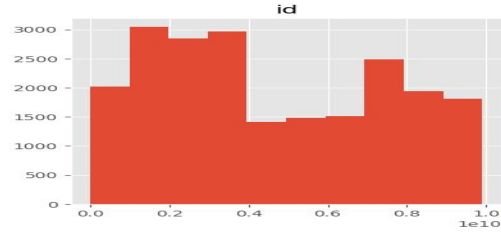
The data provided has different aspects of the homes. These comprise the year they were constructed, the cost of the home, and the number of bedrooms, bathrooms, and floors, among other essential details of the house such as the views.

DATA ANALYSIS AND MODELING

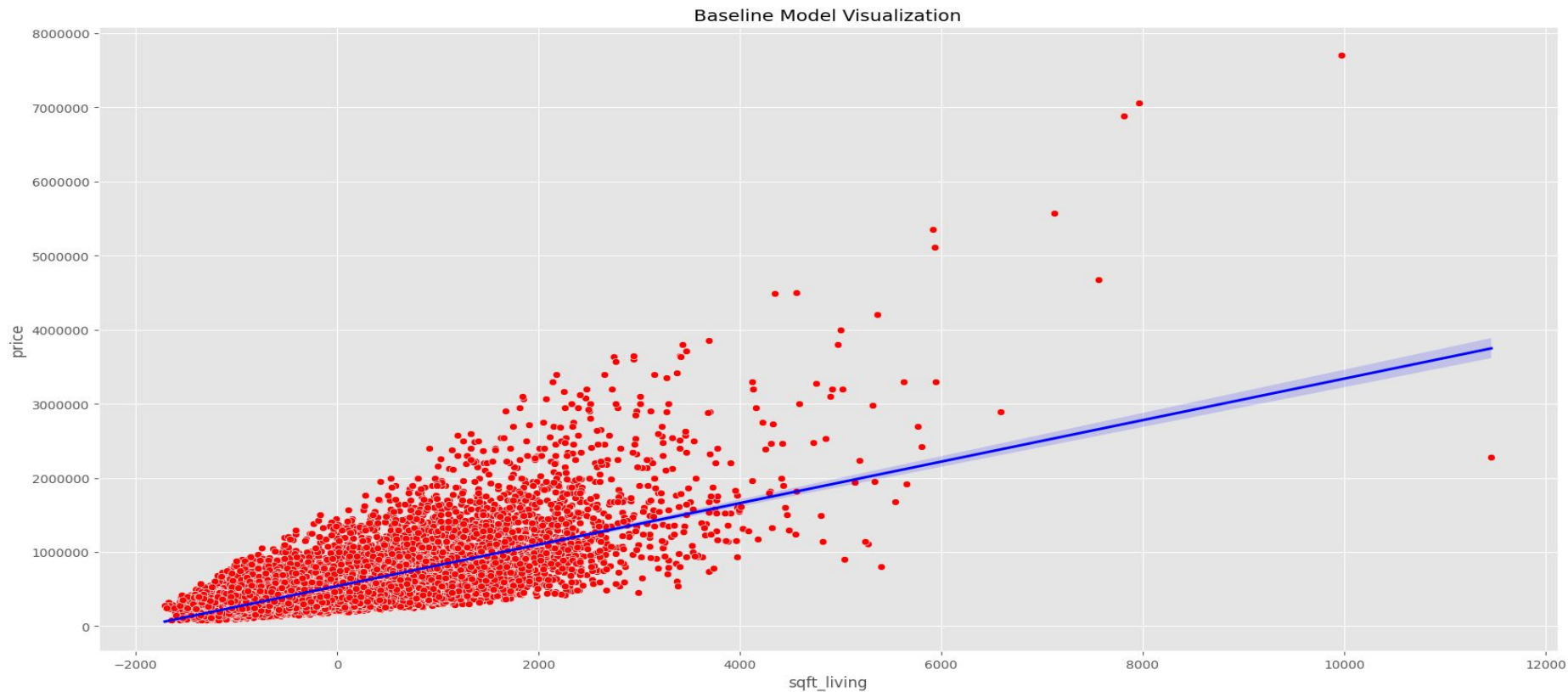
We will analyze the data using various variables because the purpose of this study is to find ways in which King County houses might be restored or upgraded in order to maximize the resale values.

The price will be the dependent variable while all the other features like bedrooms, bathrooms, sqft living, and floors will be the independent variables.

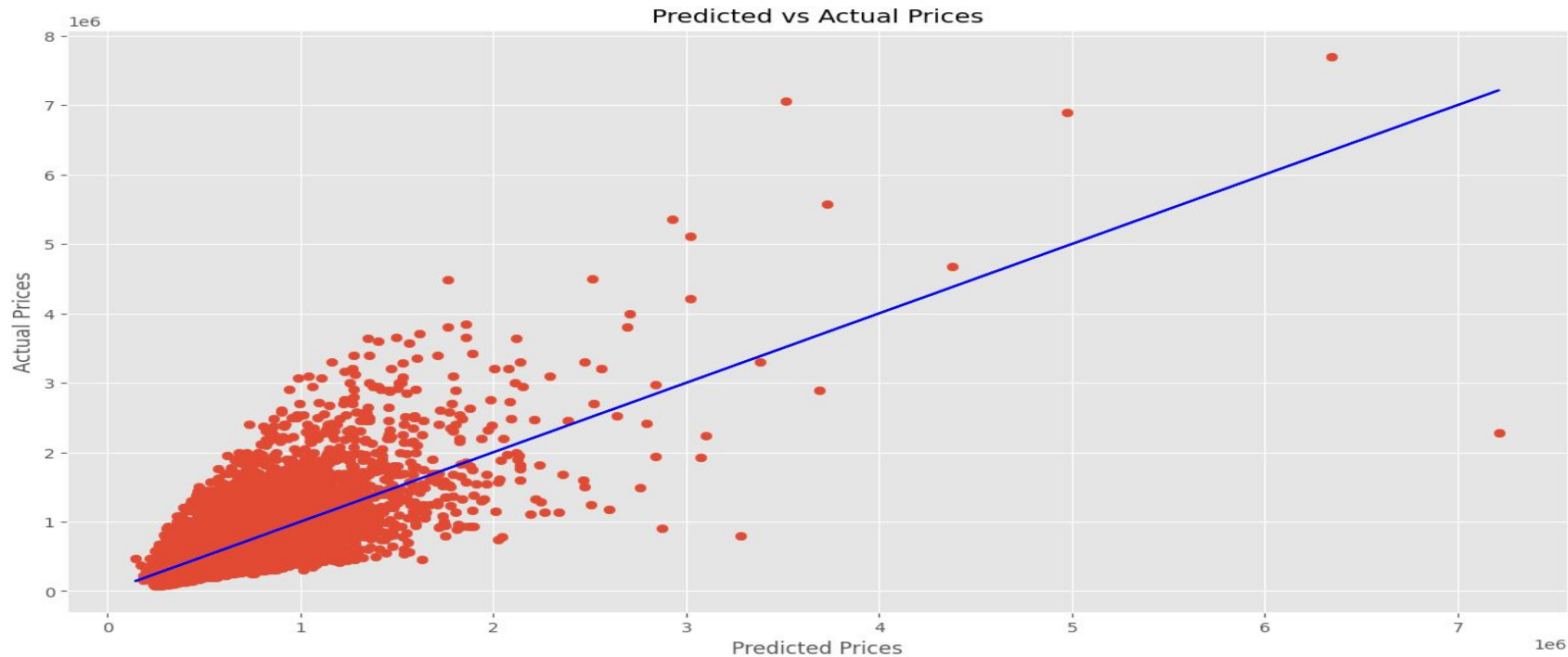
DATA ANALYSIS MODELING



BASELINE MODEL VISUALIZATION



MULTIPLE LINEAR REGRESSION



RECOMMENDATION

- King County real estate agencies should consider maximizing their property values by including extra amenities such as having excellent house views.
- Homeowners should also consider elevating their house values by improving amenities such as bathrooms and bedrooms. King County home sellers can use the regression models to determine a given property compared to a given home. Improved amenities such as bathrooms and bedrooms have a great impact on the house value.
- I would also advise King County real estate agency to advise homeowners in considering more square feet in their house when building or renovating.
- The linear Regression indicates the impact on the house sale price by the homeowners doing renovations and the type of renovations that would boost the market of the homes.

NEXT STEP

King County should consider looking at the most recent trends in the housing market. Conducting market research through media study on what is modern in order to gain different insights and maximize the sale.