KING COUNTY HOME PRICES

Linear Regression Analysis:
Creating a model for predictions

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TARGETS

$ Find top three predictors for price (+/-)

🌊 Determine effect of waterfront view on price

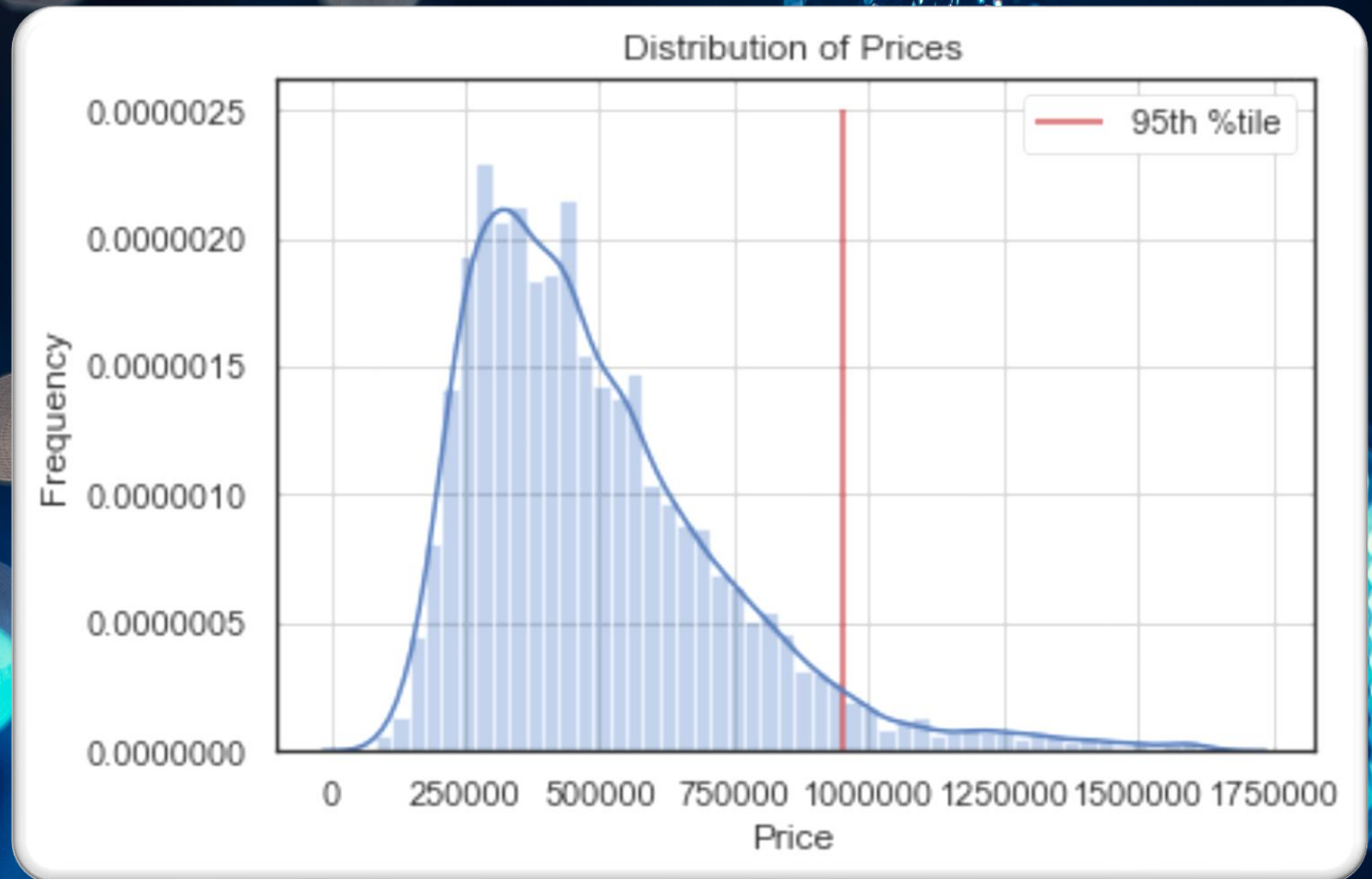🏠 Determine effect of multiple levels on price

DATA AND SCOPE

Analyzed data of homes sold in King County, WA from 2014-2015

11 different features were investigated

- Amount of rooms and their designation
- Square footage inside and out
- Waterfront view and zip code
- If home has more than one level
- Condition of the home (two different measures)
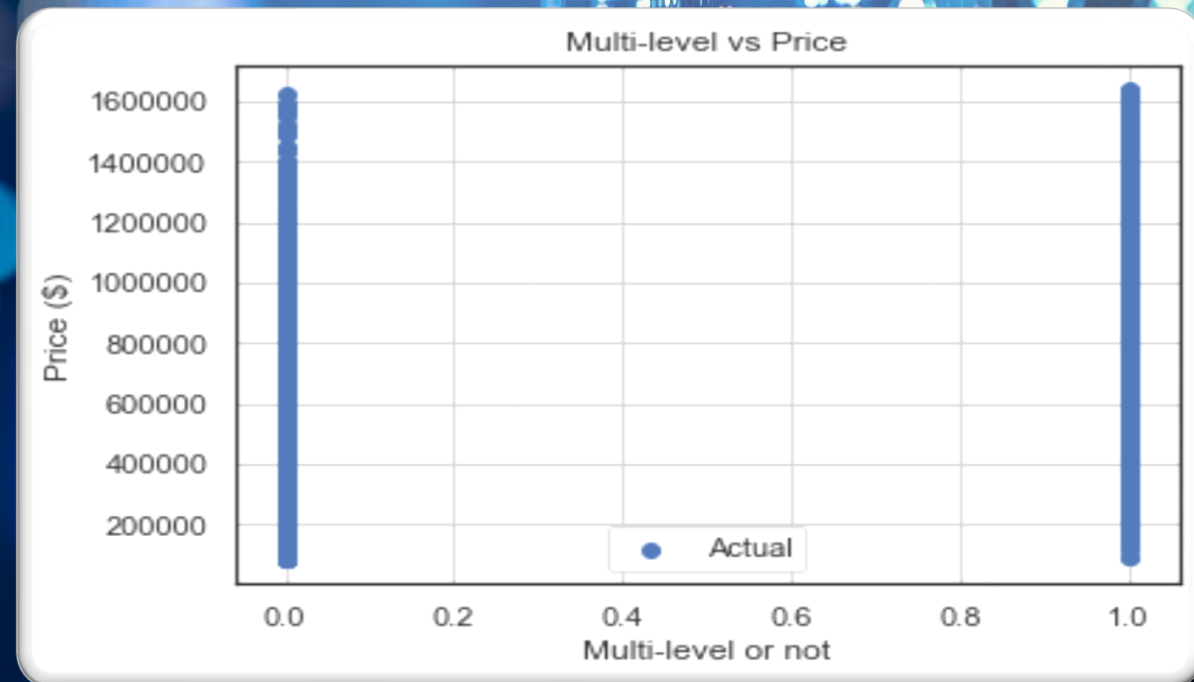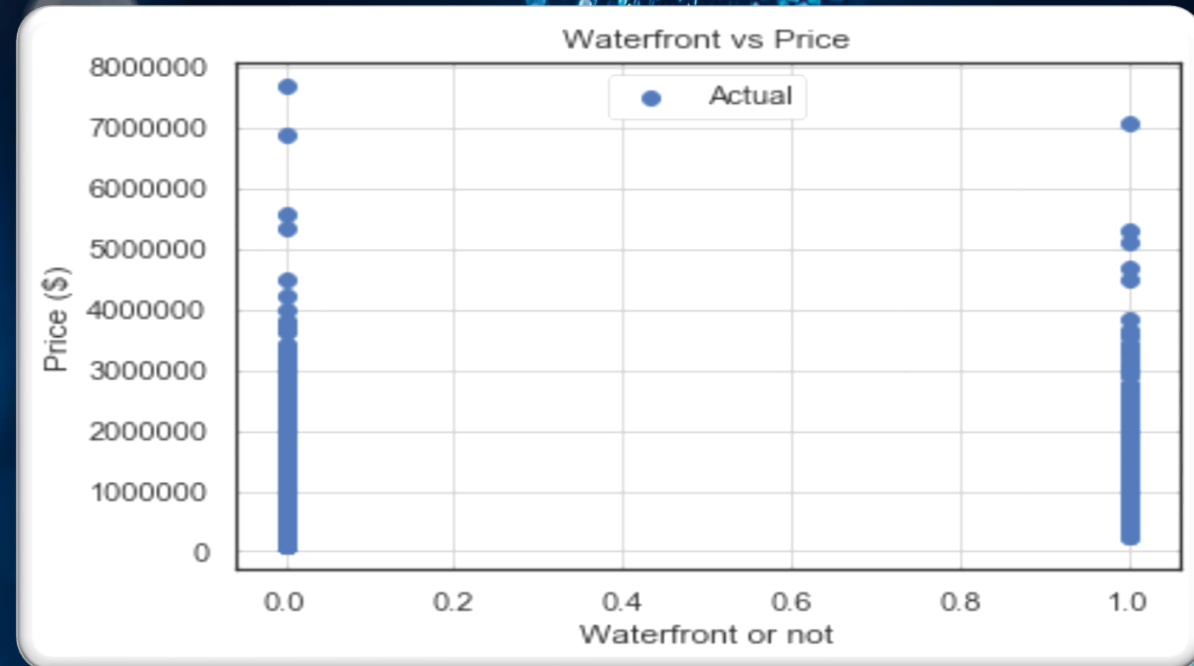- Year built

FINDINGS

Distribution of Prices

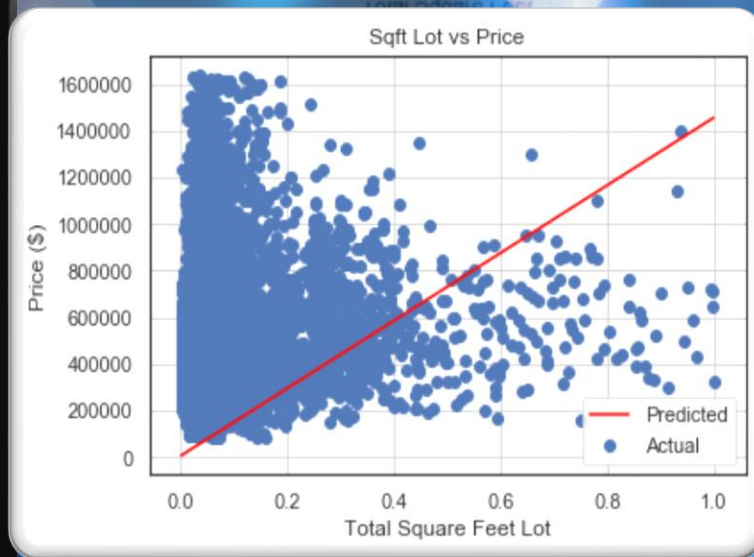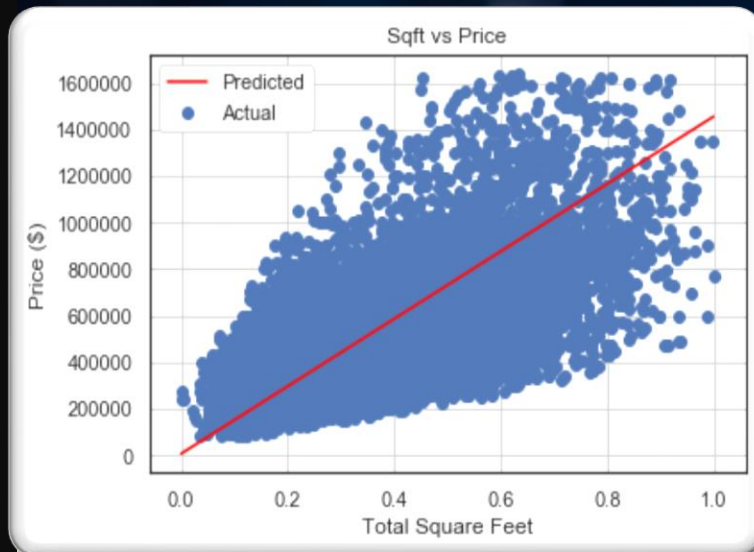- 95% of the data falls under $950,000 with the remaining data causing the skew

FINDINGS

- No significant difference here.

- Nor here.

FINDINGS

CONCLUSIONS

☺ Top three positive attributes

Living/lot Area (ft²)

Zipcode

King Cty. Grade

☹ Negative attributes

Condition of home (non-King Cty.)

🏠 It would be important to focus on: Living area, Condition of home, bathrooms. (Zip code if possible).

THANK YOU