Predicting Sales Prices for Houses in King County
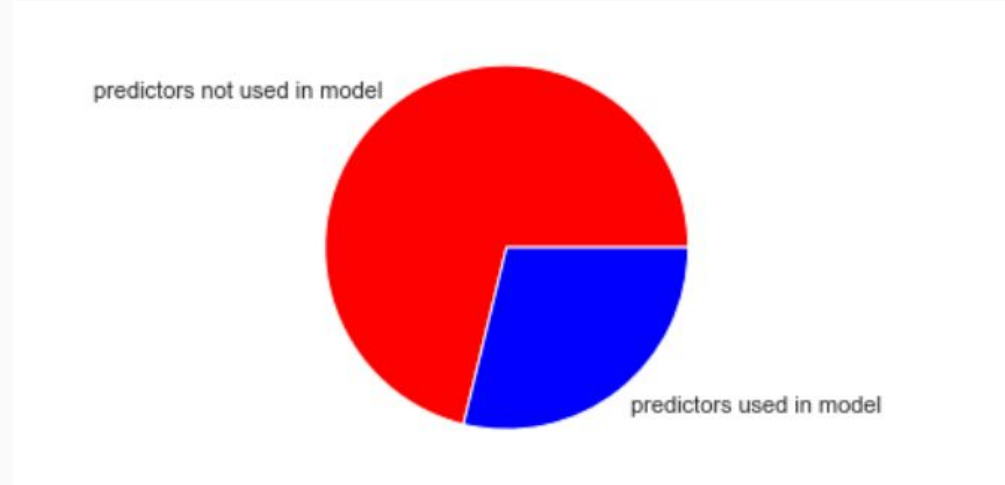
Predictions and Methodology

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Problem: Maximize profit for home sellers by creating a model to predict housing prices in King County

King County House Sales dataset

- The dataset has 20 Predictors, all but 6 needed to be dropped
- The data set had missing values

predictors not used in model

predictors used in model

The top five predictors for estimating price

- Square foot living area
- Number of floors
- View on a scale of 1 to 4
- Condition on a scale of 1 to 5
- Zip Code
- Whether or not the home is on the waterfront

sqft_living vs price

Conclusion

- The problem has been handled as the model can predict house prices for those who are selling in order to maximize profit

Questions and Comments