



KING COUNTY HOUSING ANALYSIS

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Goals

- Identify the features that add the most value to a home
- Generate some recommendations that can be given to clients



Exploring the Dataset

- King County Housing dataset has approximately 15.5K houses
- Contains numerous features like the below:
 - Bedrooms
 - Bathrooms
 - Condition
 - Grade
 - Square footage

Methods

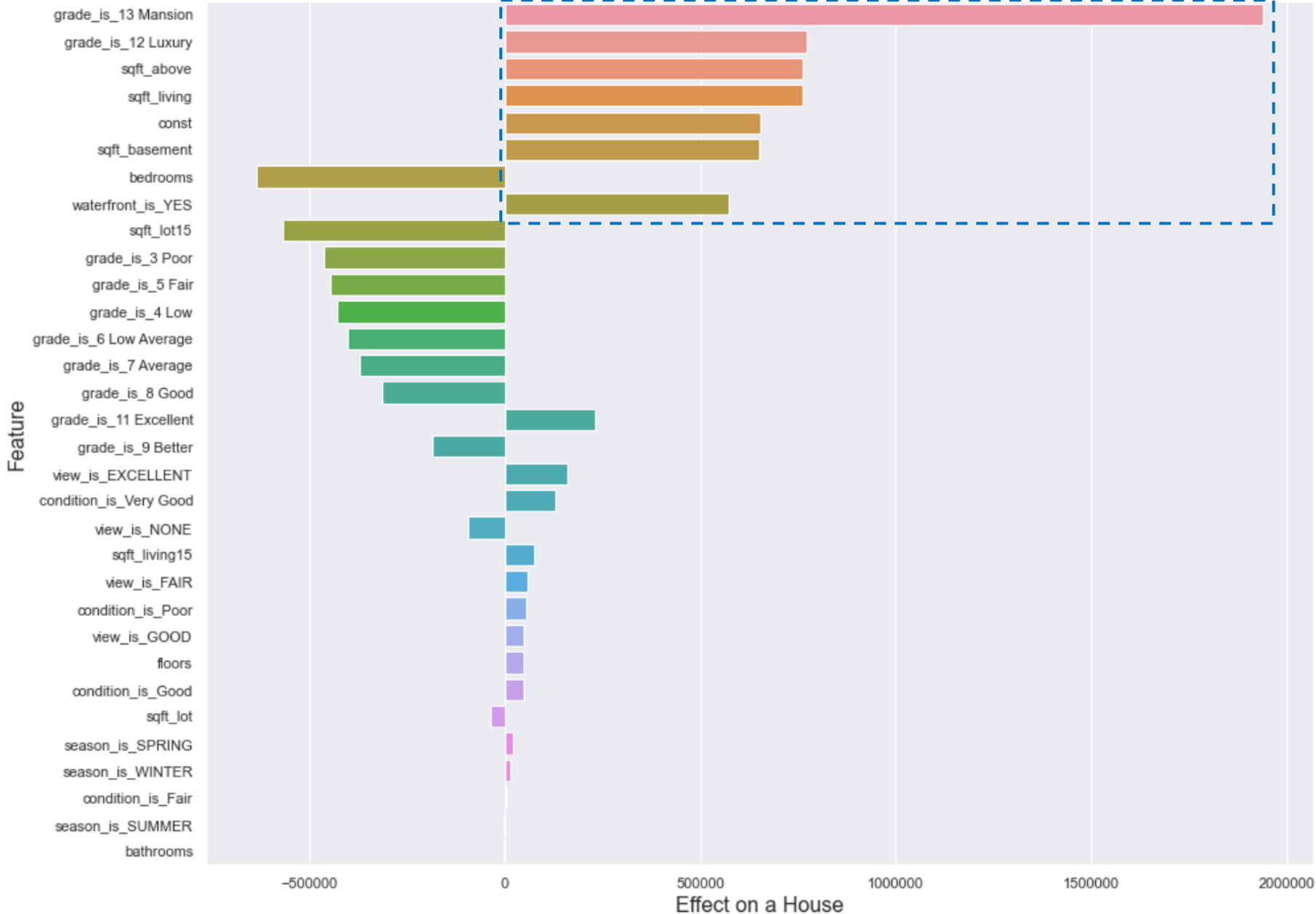
1. EDA

- a) Data cleanup
- b) Features analyzed

2. Modeling

- a) Price declared as independent variable
- b) 3 different models ran

House Features Ranked



Modeling
Results

Recommendations

1. Grade has a high impact on the cost of a house. It would be best to invest in homes with a grade of at least a 10.
2. Square footage of the area above ground and the living area are also strong determinants when it comes to the price of a home. Greater footage in both of those features would be a good investments.
3. Houses with an excellent view also good investments.

