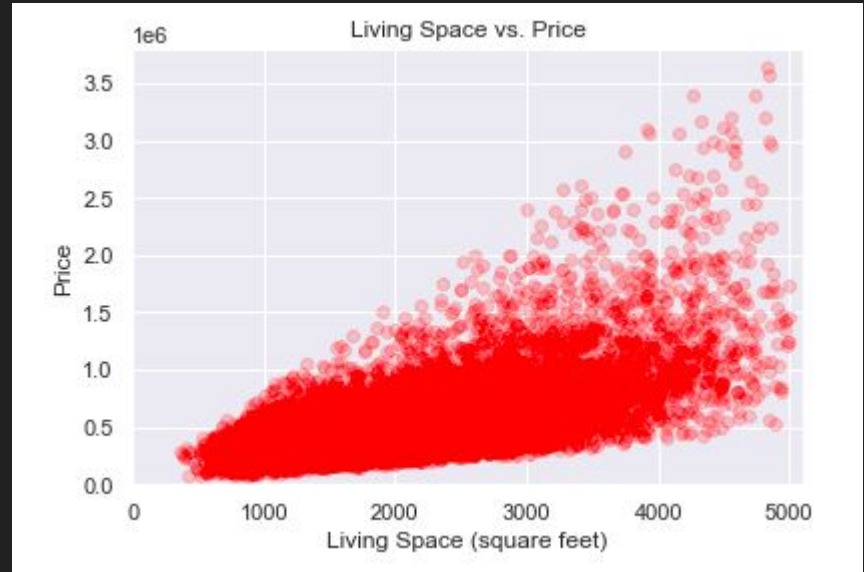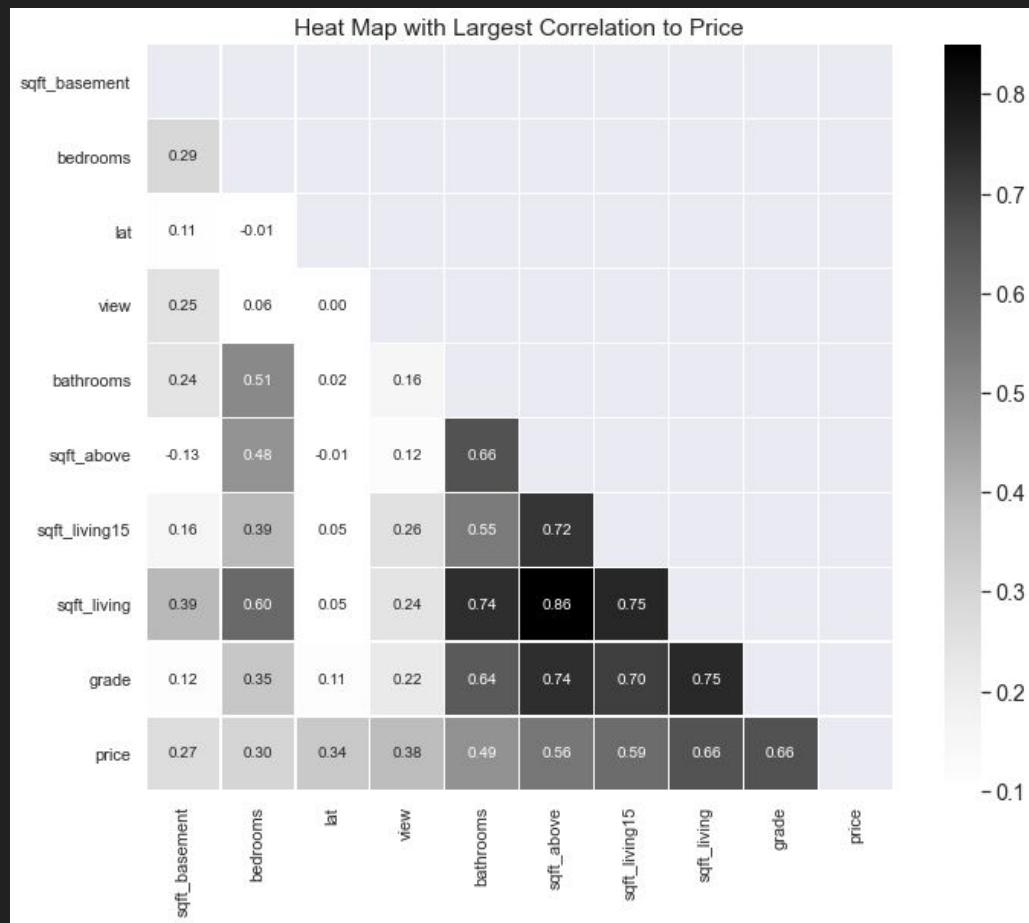# King County Housing Data

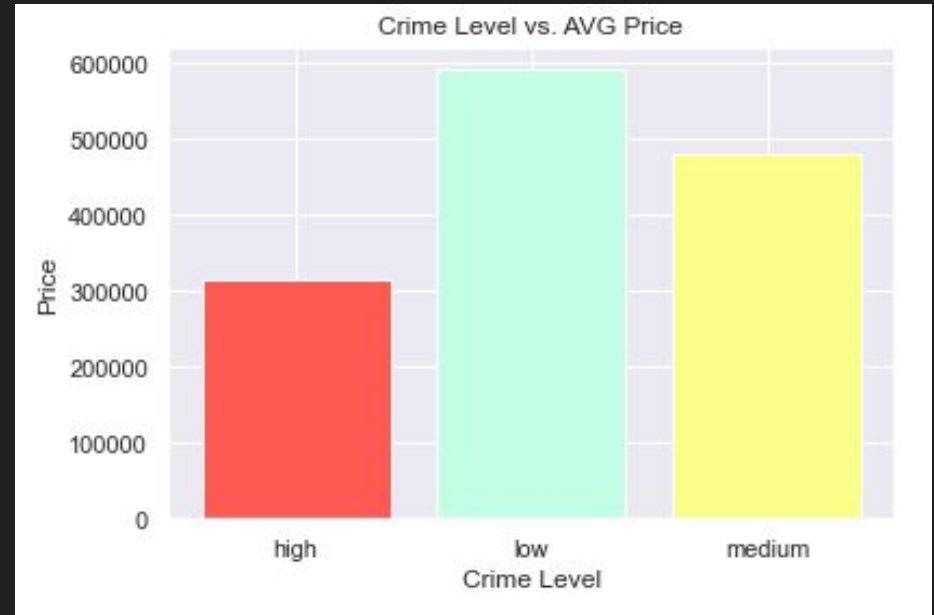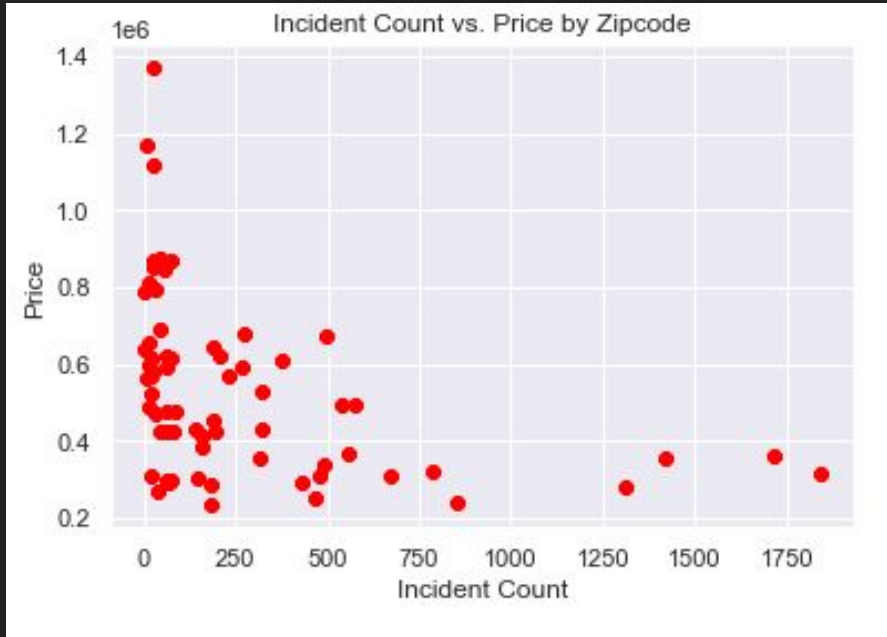Anisha Malhotra

sqft_living

- The graph on the left helps show outliers
- Graph on right has no outliers
- Strong positive correlation between price and sqft_living

- Heat map with highest
  correlations to price variable
- Shows which variables have
  high correlations to price
  (grade, sqft_living)
- Shows issues of
  multicollinearity (sqft_above
  and sqft_living)

Heat Map with Largest Correlation to Price

Crime Rate

- As crime increases, price decreases
- Because it has an effect on price, decided to include it in my model
- p-value is less than the alpha, we reject the null hypothesis that all cost same