

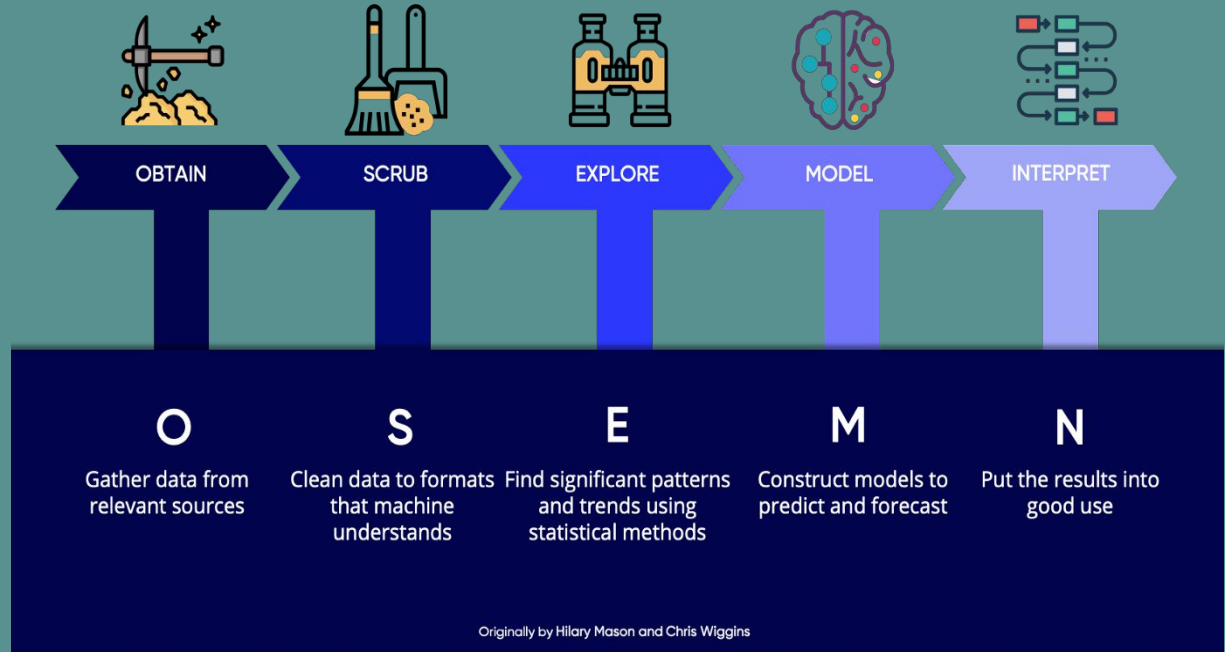
King County housing

Prediction and Maximizing
prices



Prediction method:

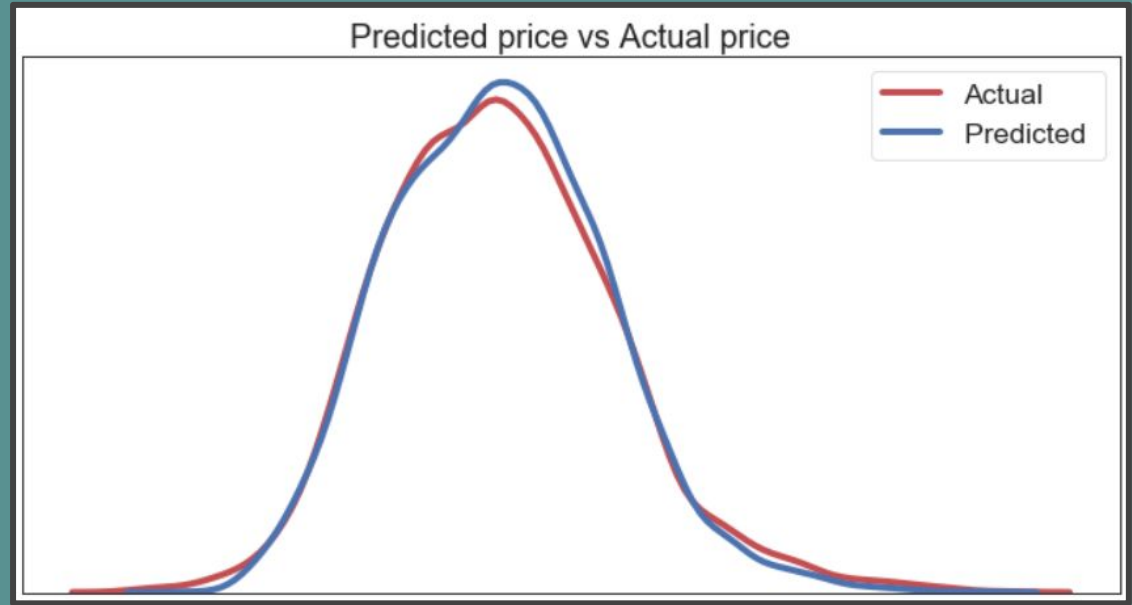
Multiple linear regression analysis



Model accuracy
85%

Average Predicted Price: **518 000**

Average Actual Price: **533 000**



Obvious and most significant factors

Square Footage

Bathrooms

Bedrooms

Floors

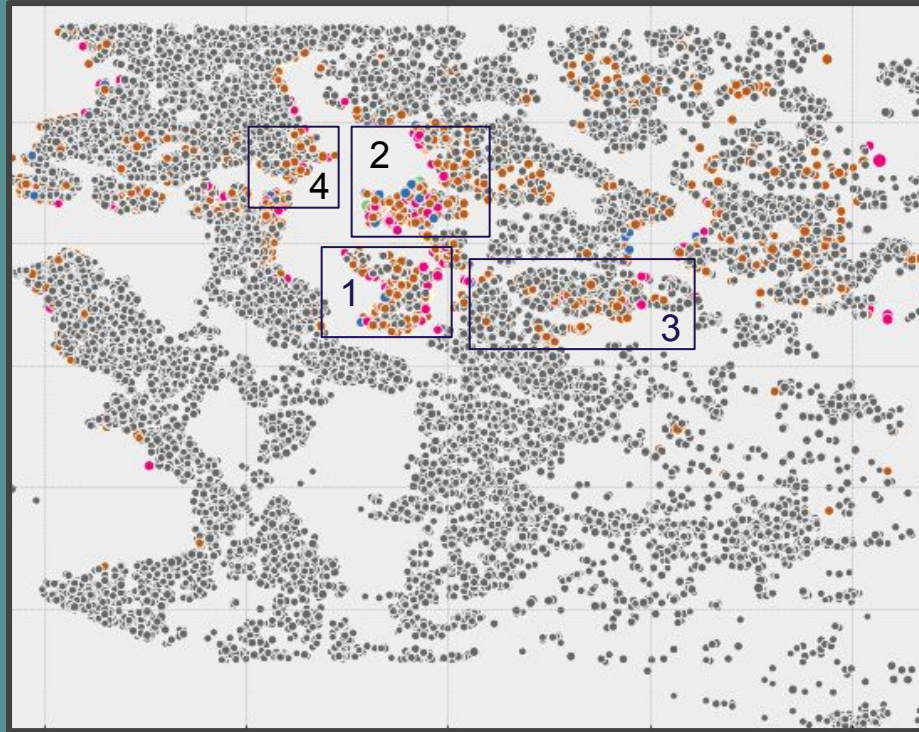
Average prices

1 bedroom - \$318 000
2 bedrooms - \$400 000
3 bedrooms - \$466 000
4 bedrooms - \$635 000

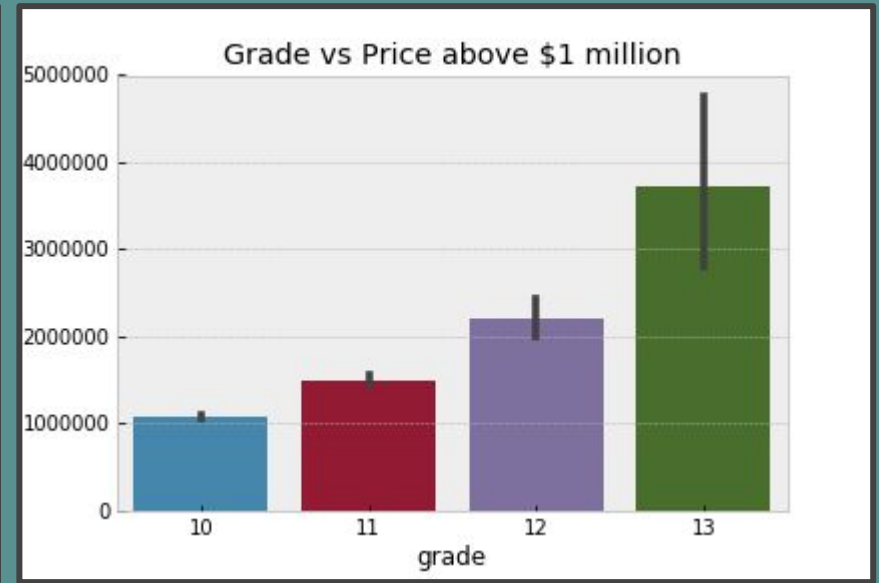
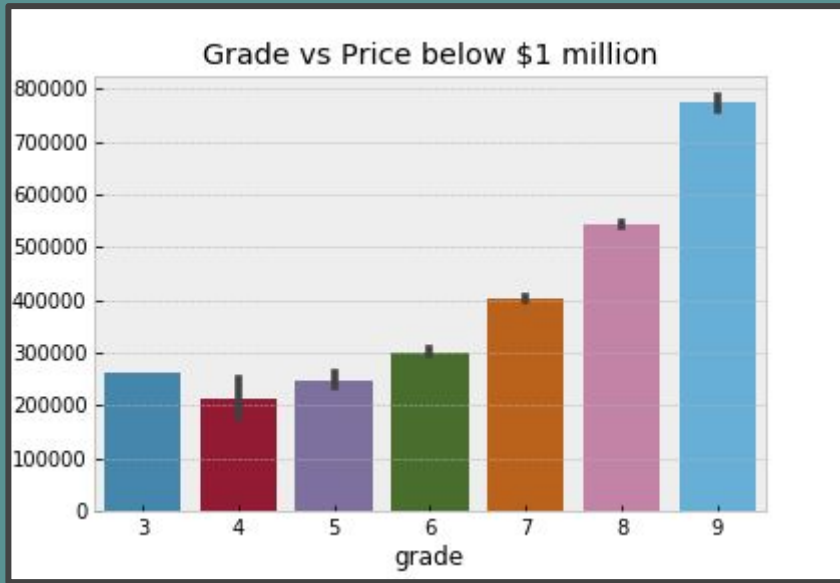
Single storey house - \$442 000
Two storey house - \$645 000

**Most expensive
locations by zip
code:**

1. 98040
2. 98004
3. 98006
4. 98112



Colored Dots indicate houses with price over \$3m



Grade is one of the most powerful factors that influence the price

**waterfront view
increase price by
43%**

mean price with and without waterfront

