

House Sales in King County

Michael Cheng

DATA

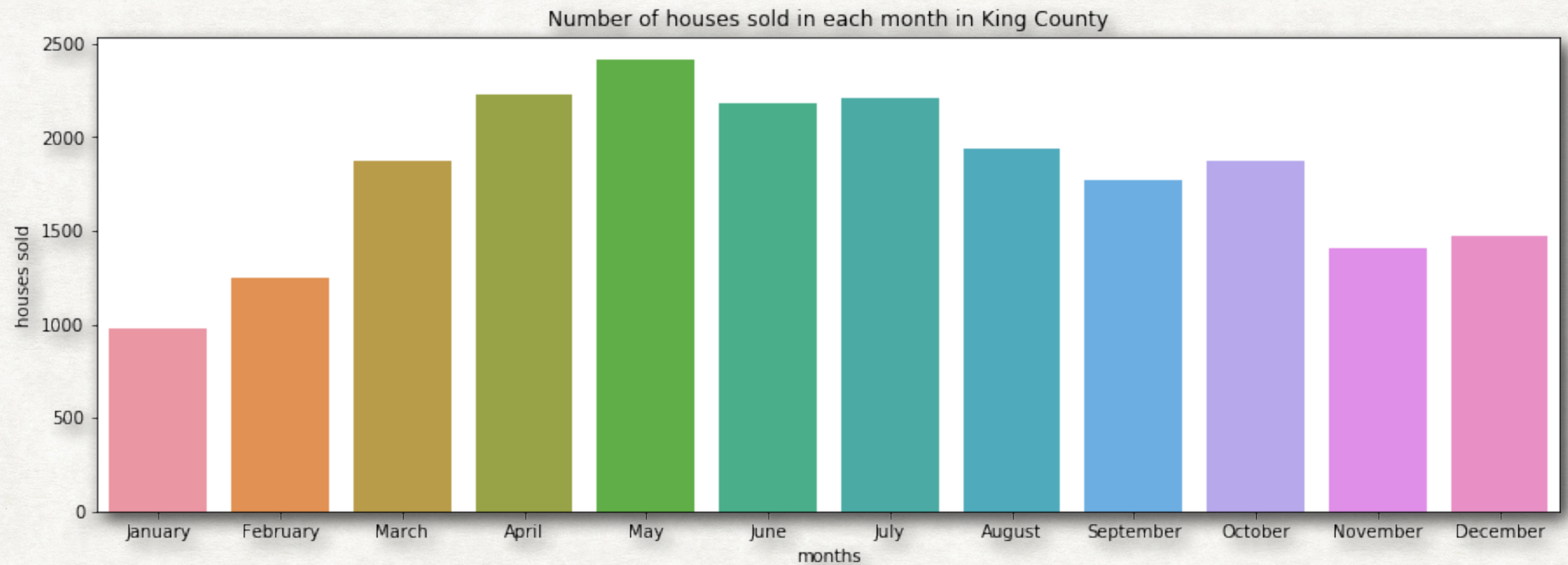
The data contains house sales in King County from May 2014 to May 2015.

King County is the most populous county in Washington state, with an estimated population of over 2.2 million in 2018.

Seattle is the biggest city in King county.

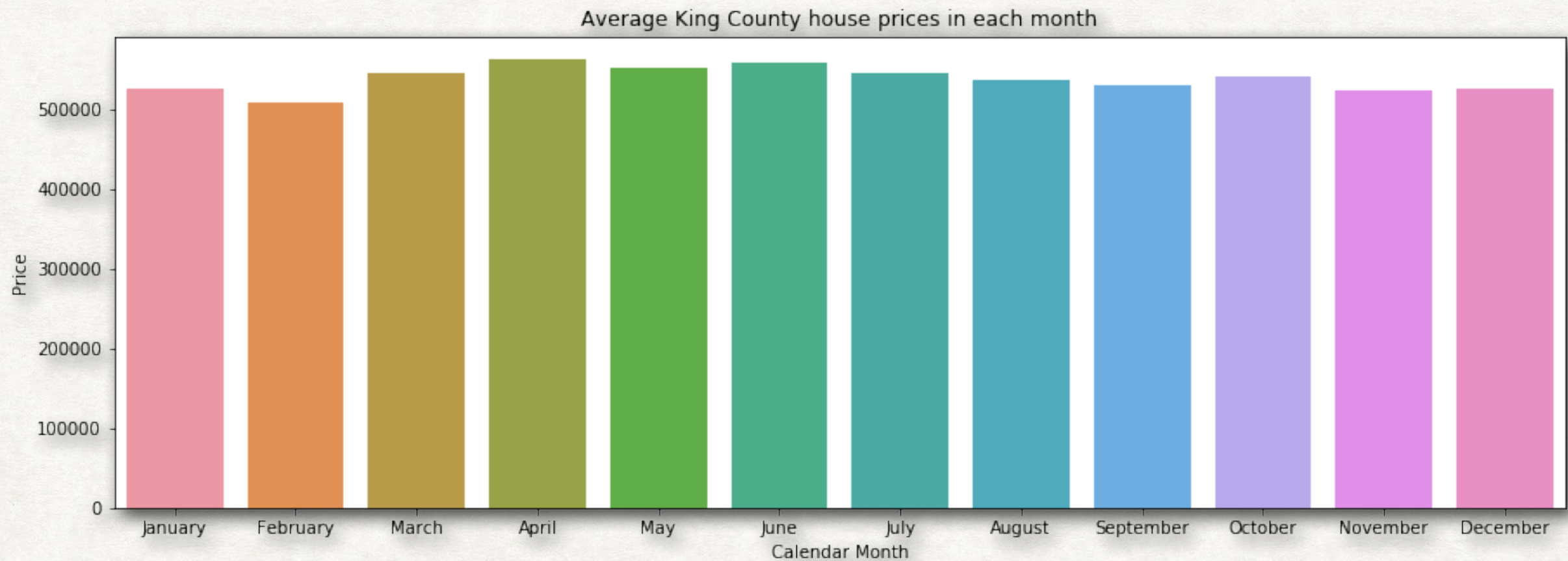
QUESTION 1

Which month or season is the best to sell a house?



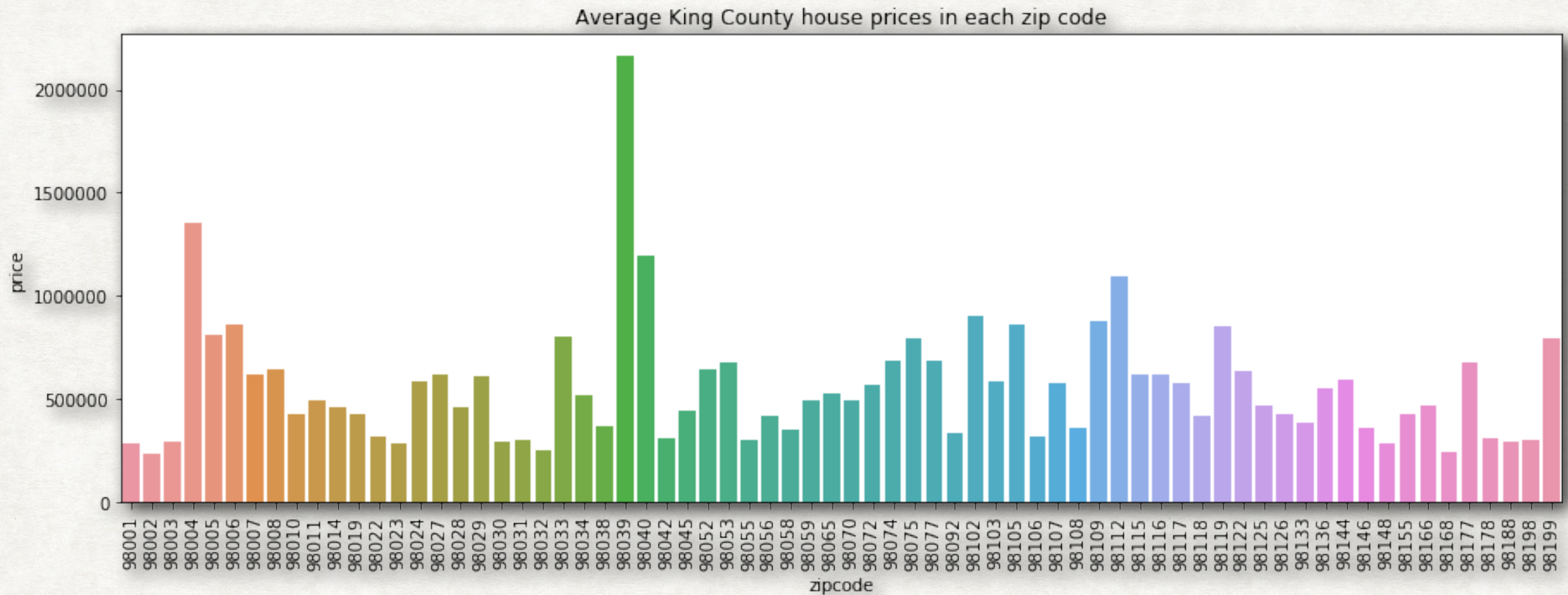
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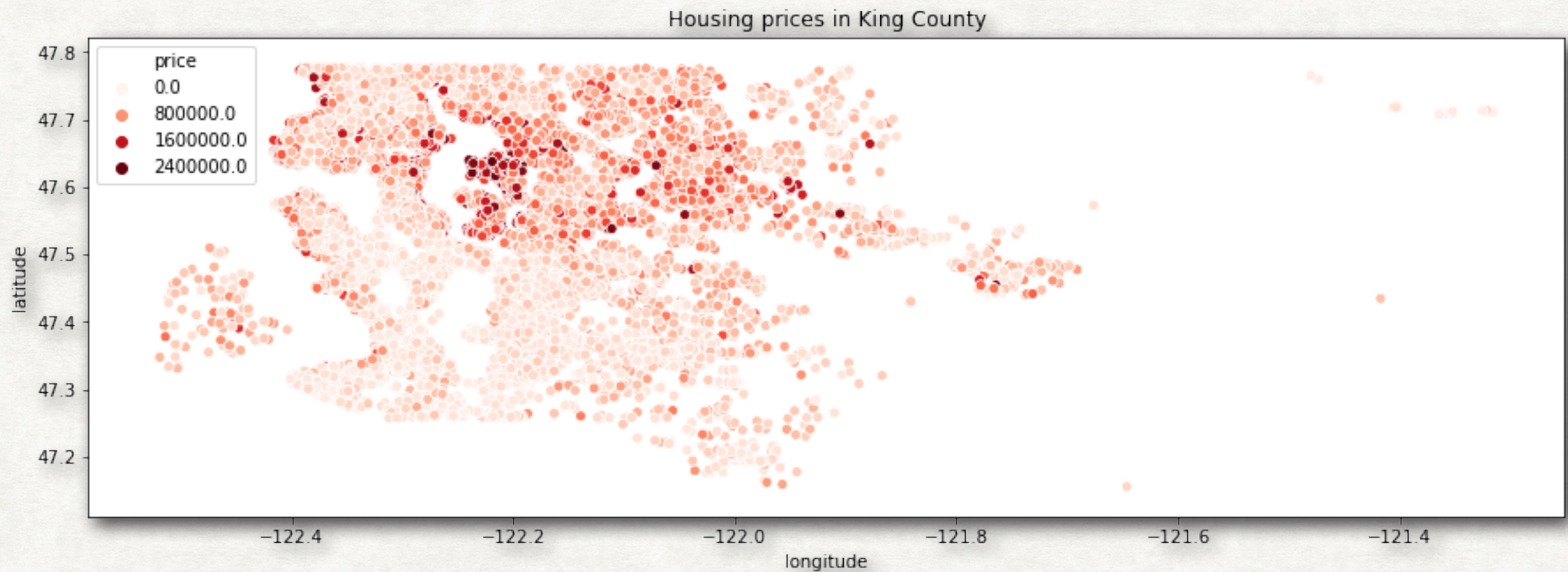
QUESTION 2

How does location affect the price of a house?



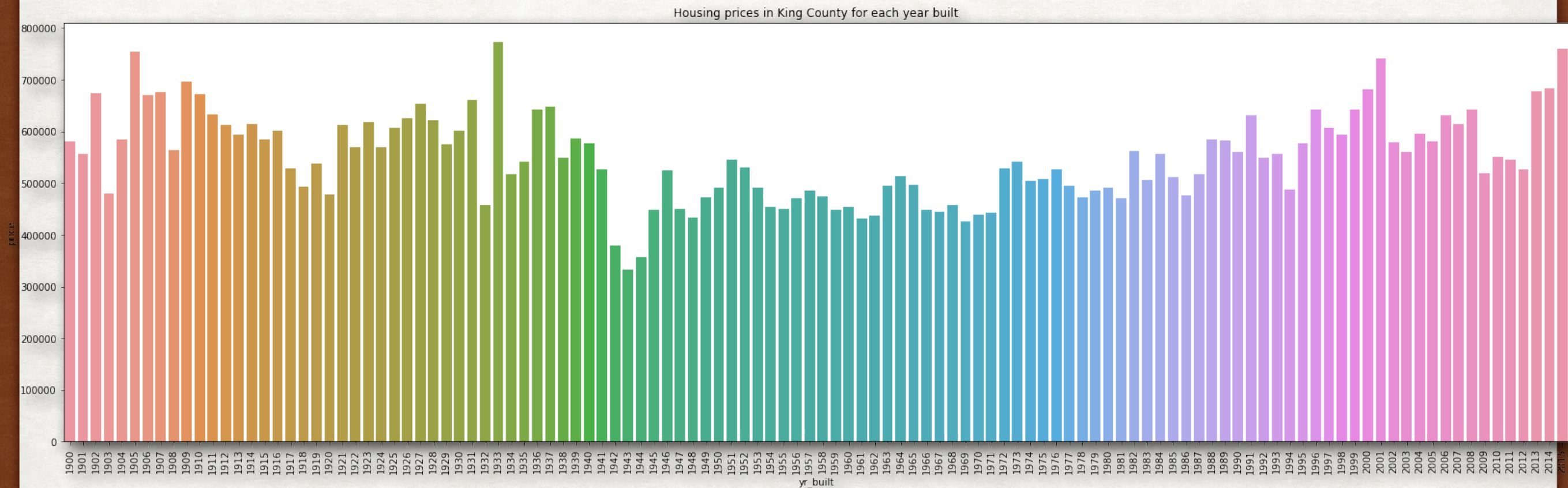
QUESTION 2

How does location affect the price of a house?



QUESTION 3

How does the age of a house affect its price?



REGRESSION RESULTS

waterfront: 594500

A house with waterfront view can be sold for 594500 more, with all other variables equal.

sqft_above: 219.43, sqft_below: 129.97

Every extra square foot increases the price of a house. The space above basement are more valuable than basement, and it is by almost a double.

REGRESSION RESULTS

bedrooms: -26010

bathrooms: 17900

Every bedroom decreases the price by 26010 and every bathroom increases the price by 17900.

renovated: 55300

A renovated home can be sold for 55300 more.