Modeling the Prices of Homes

King County, 2014-2015

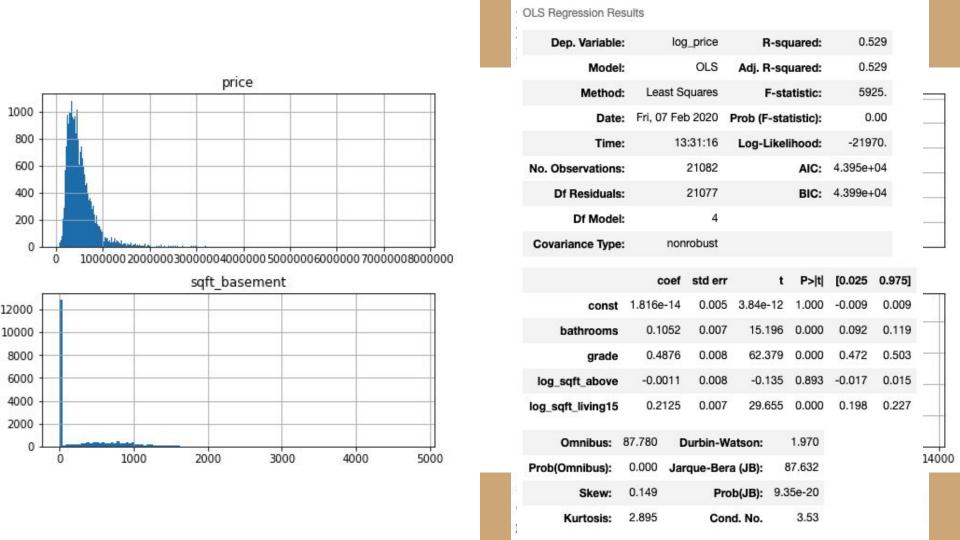


Business Value

Why should we model home prices?

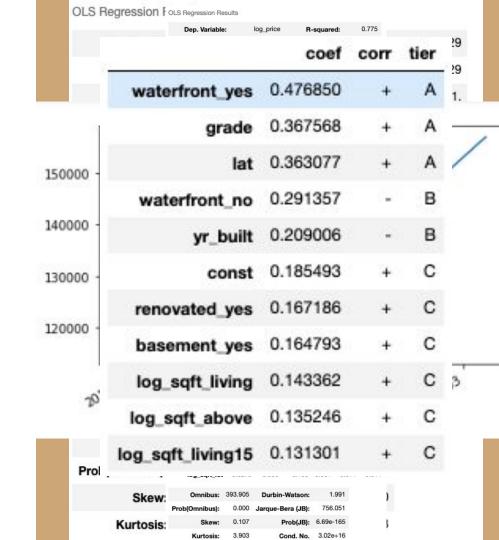
KNOWLEDGE

PROFITABILITY



Business Recommendations

Apply Models



Business Recommendations

Mind the Season

```
Spring Sales
 Number of homes sales: 5222
Average price: $ 543266.4
Summer Sales
 Number of homes sales: 6654
 Average price: $ 550992.05
Fall Sales
 Number of homes sales: 5442
Average price: $ 534689.17
Winter Sales
 Number of homes sales: 3764
Average price: $ 525097.84
```

Business

Zipcode 98039 has the highest average Zipcode 98002 has the lowest average Zipcode 98103 has the most homes sol Zipcode 98039 has the most least sol

	price	homes_sold	target_metric
zipcode			
98042	311786.979630	540	0.001732
98023	283932.361570	484	0.001705
98038	366476.504378	571	0.001558
98133	386460.070393	483	0.001250
98058	352936.913832	441	0.001250
98001	281478.769231	351	0.001247
98118	418176.794769	497	0.001188
98168	241543.609195	261	0.001081
98106	319821.480243	329	0.001029
98155	424395.310345	435	0.001025

Future Work

Improve, Understand, and Apply

Experiment with models

More robust model?

Other areas and time periods

Understand Model

Thank You

Questions or Comments?

Contact Me!

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