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# ANALYZING HOUSING SALES IN KING COUNTY WASHINGTON

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Housing Co.
- House price predictor
- 2 recommendations
  - < \$1 million

# AGENDA

- Data
- Methods
- House Price Predictor
- More Square Footage
- Improve Condition Score

# Data

**Data collected from info.kingcounty.gov**

**The data includes:**

- **price,**
- **square footage,**
- **living space,**
- **locational data,**
- **condition of the house**
- **etc**

**Price was limited to 1 million dollars or less**

# Methods

- Model used linear regression
- 80% of variance is accounted for in our final model
- Our model takes in housing data to produce a predicted price
- The model's prediction is plus or minus \$80,000

# House Price Predictor

Listed Price of this House:

**470.4K**

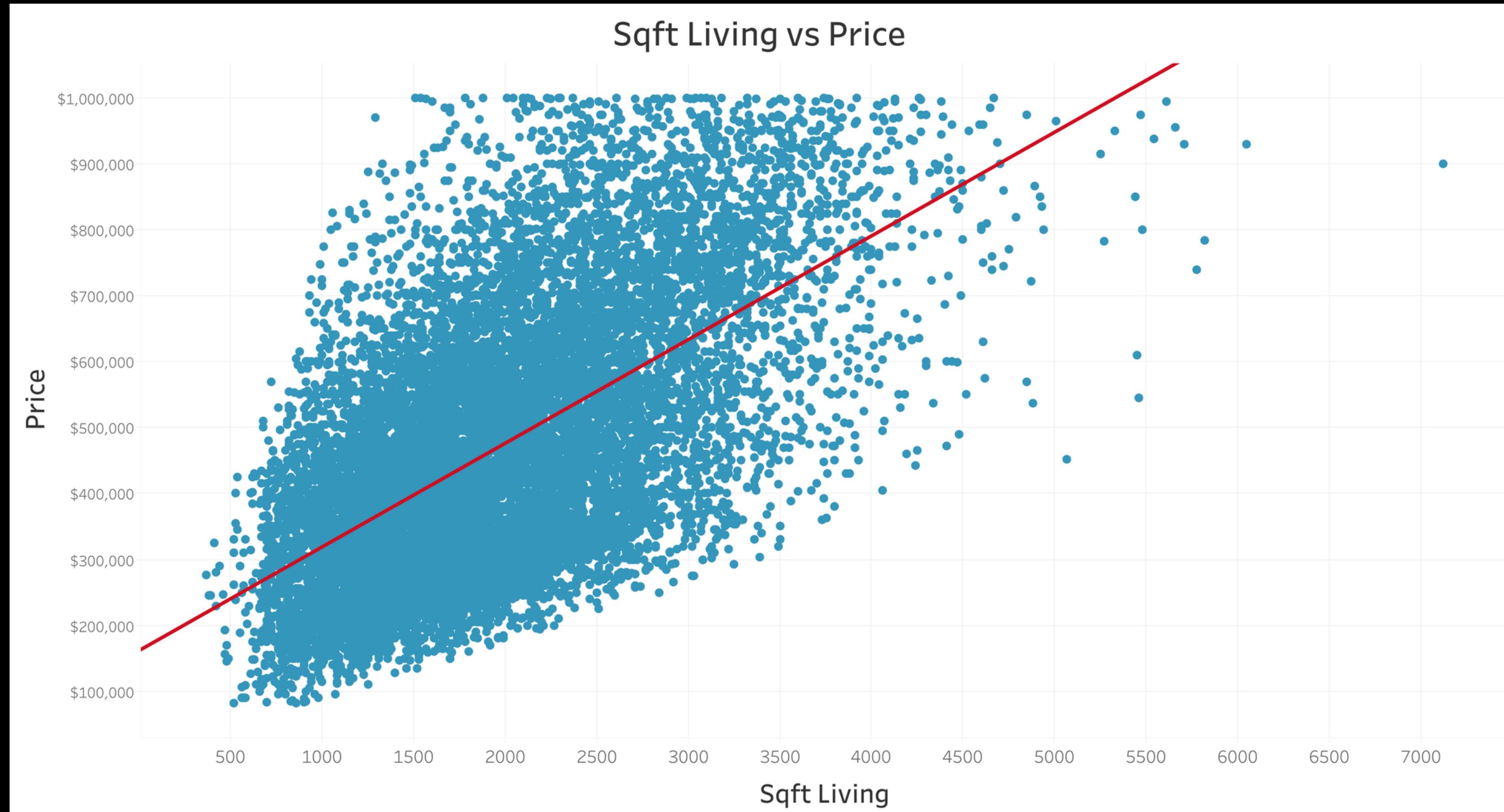
Model predicted Price:

**823.6K**

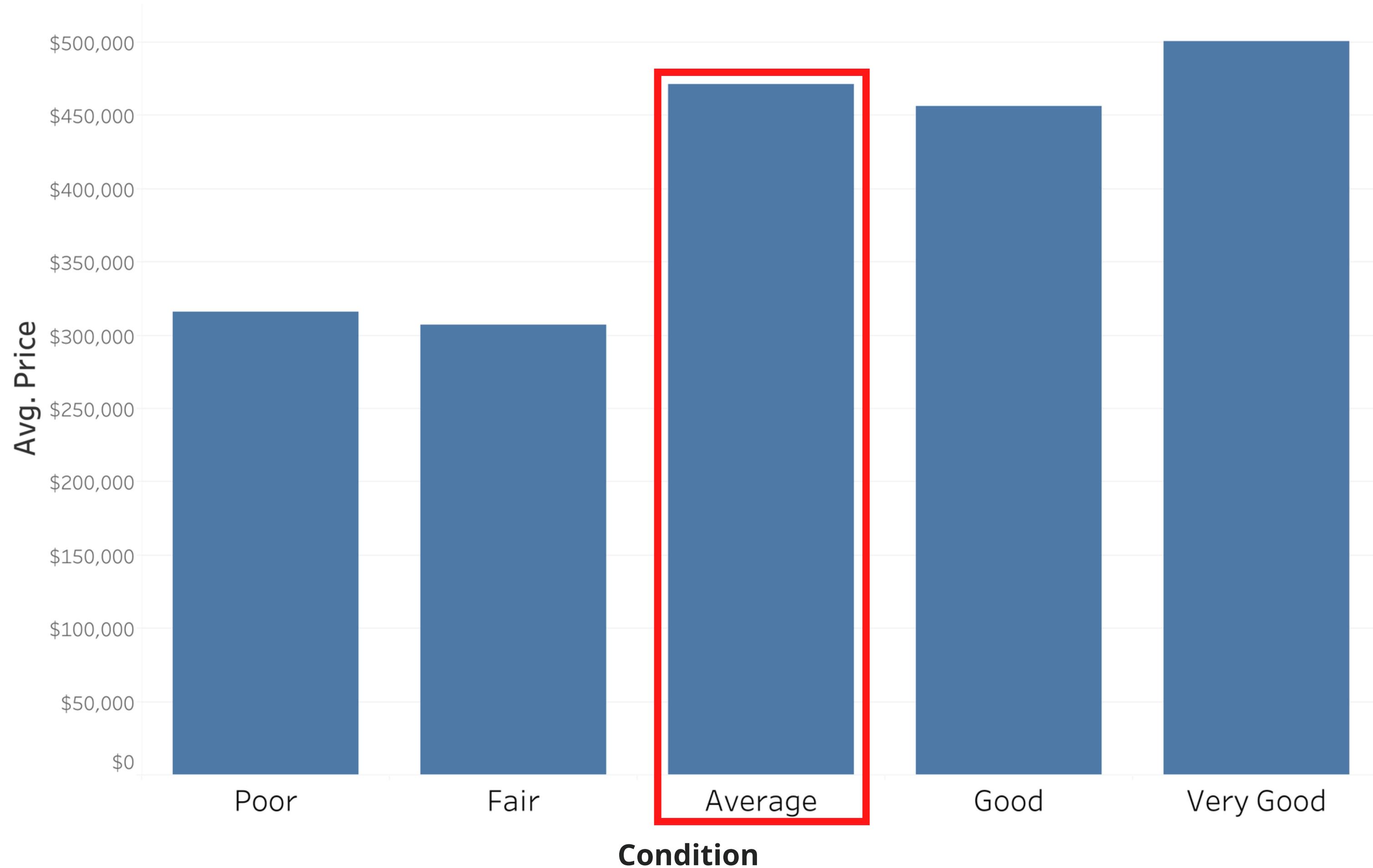
Price House sold for:

**837.5K**





## Condition vs Price



# Conclusion

- Use house price predictor to flip houses
  - Add more Sqft living space
  - Raise Condition to Average

# Next on the Agenda

- Cost of improving condition
- Gather more recent data

# Questions