Lynn Crane Real Estate

Analytical Suggestions for House Prices
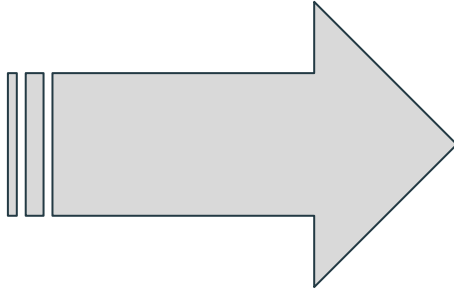
Goblin
PhD Economics

Elijah Jarocki
Aspiring Data Scientist

-Overview

-Business and Data Understanding

-Modeling

-Regression Results

-Recommendations

Overview

1   2   3   4   5

Data Understanding

- Living Space

- Bedrooms

- Floors

- Condition

Modeling

- Baseline: All Numerical
  - TOO MANY!

- Focus on Living Space, Bedrooms, Floors

Modeling

- Living Space

- ~~Bedrooms~~

- ~~Floors~~

1   2   ③   4   5

Condition?

1   2   ③   4   5

Modeling

Regression Results

- Living Space!
  - R-Squared: .493
  - Coefficient: 280.8630
  - STD: 1.939

Recommendations

- **Living Space!**
- Floors no impact on price
- Bedrooms little impact on price
- Condition little impact on price

Recommendations

- **Find undervalued homes**
- **Prioritize Living Space**
- **Renovate to create more living space**

I will now be taking questions.

Elijah Jarocki
https://github.com/ejarocki/