Predicting House Prices with the King's County Housing Data Set

Module 1: Exploratory Data Analysis
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Which house costs more?





Purpose

Maximize profits

Methodology Overview

- 1. Clean the Data
- 2. Explore the Relationships
- 3. Model the Data
- 4. Make Predictions

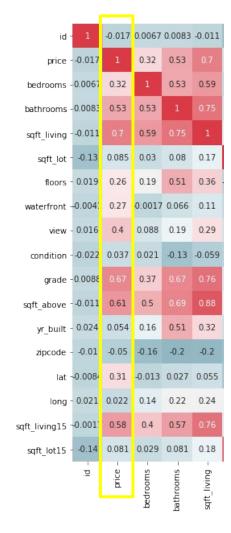
- 0.9

- 0.6

- 0.3

- 0.0

- -0.3



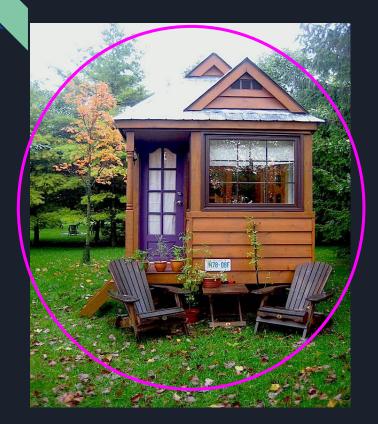
Findings

```
price = grade + sqft_living15 +
bathrooms + above + condition) + *
bedrooms
```

The numbers

```
price = -1080000 + (130200 *grade) + (77.4393 * sqft_living15) + (41590*bathrooms) + (70.6386 *sqft_above) +(83260 *condition) + (-8442.6463 * bedrooms)
```

Which house costs more?





Next Steps

- Location, Location, Location
- Effects of renovation
- Age

Questions, comments, concerns?