#### **Construction and Renovation Guidance**

Finding Housing Characteristics that Impact Sale Price in Ames, Iowa

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### The Problem

Our Primary Goal: To build and renovate properties in order to maximize the potential sale price.

What are the leading indicators of Sale Price?

What limits Sale Price the most?

**Specific Recommendations to maximize our sale price** 

### The Dataset

- Ames, Iowa Sales from 2006-2010
- 2930 observations
- 82 features and characteristics

### Positively Correlated Features

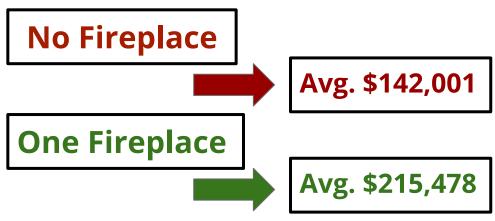
1. Overall Quality
2. Above Ground Living Square Footage
3. Garage Area/Cars
4. Total Basement Square Footage
5. First Floor Square Footage
6. Year Built/Remodeled

### Negatively Correlated Features

1. Mediocre Exterior Quality
2. Mediocre Kitchen Quality
3. Lack of Fireplace
4. Mediocre Basement Quality
5. Unfinished/Detached Garage
6. Lack of Masonry Veneer

## Lack of a Fireplace





\$73,477 increase in average Sale Price (all else equal)

#### <u>Masonry Veneer</u>



Example of Masonry Veneer (Google Images)

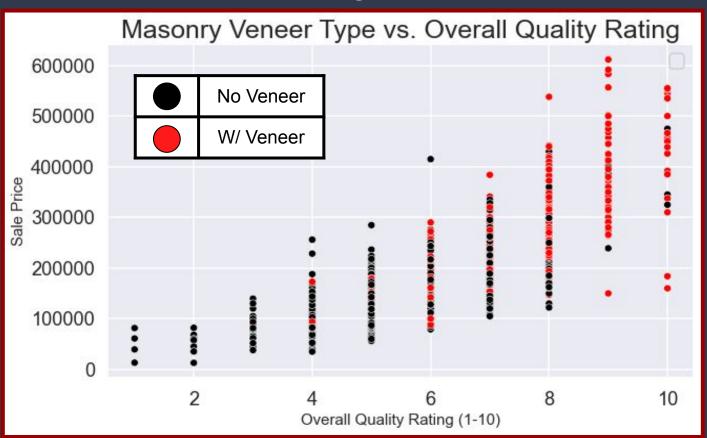
No Masonry Veneer: Avg. Sale: \$153,679

Vs. \$181,469 Avg. Sale



Value drops by 15.3%!

#### Masonry Veneer



### **Garage Qualities**

#### **Positive Garage Features:**

- Garage Area
- Size of garage in terms of car capacity

#### **Negative Garage Features:**

- Unfinished
- Detached from house

### **Guidance Summary**

■ Minimum of 1 fireplace

- Masonry Veneer on outside of the house
- Finished Garage, attached to home

# Thank you for your time!

Questions?