

Ames Housing Sale Price Prediction

Juhee Sung-Schenck



“Country roads, take me home. To the place I belong.”

—John Denver





CONTENTS

01

The Clients

What are they looking for?

02

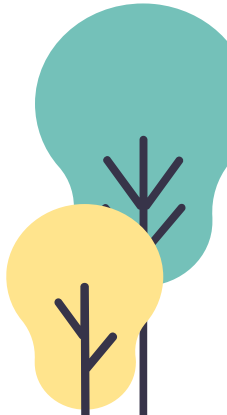
Analysis

What are the factors?

03

Conclusion

Summary of findings
Suggestions



OUR CLIENTS

- Looking for their first home in Ames, IA
 - What are the strong factors?
 - What neighborhood?
 - Reasonable house price?





Data Description

1. Real Estate Sales Data between 2006 and 2010
2. Residential and Commercial
3. House Characteristics

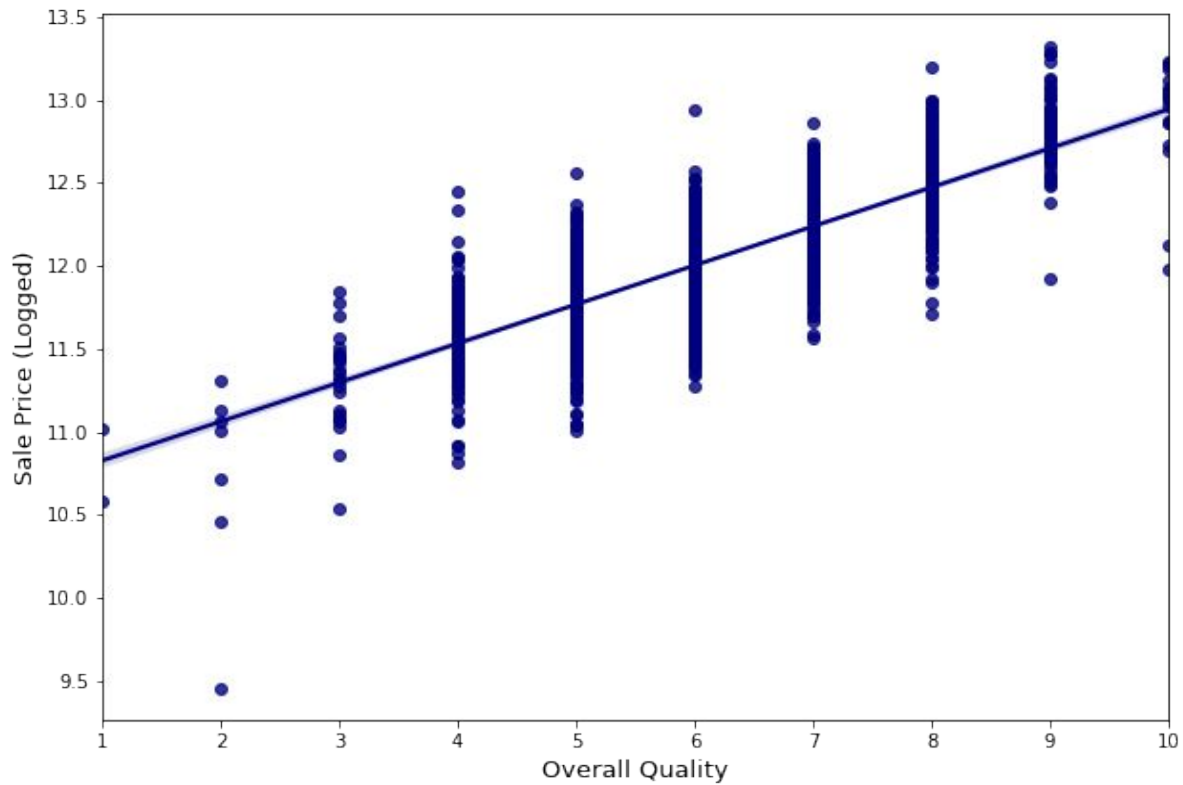
Sale Price



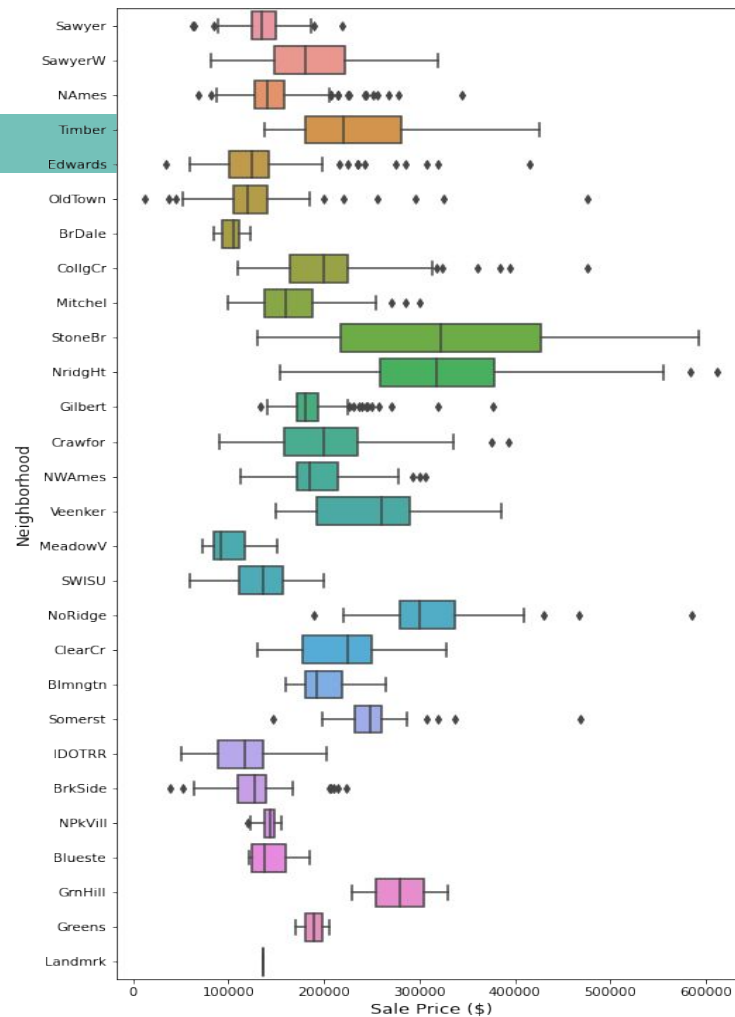
Average price \$ 180,747

Median Price \$160,000

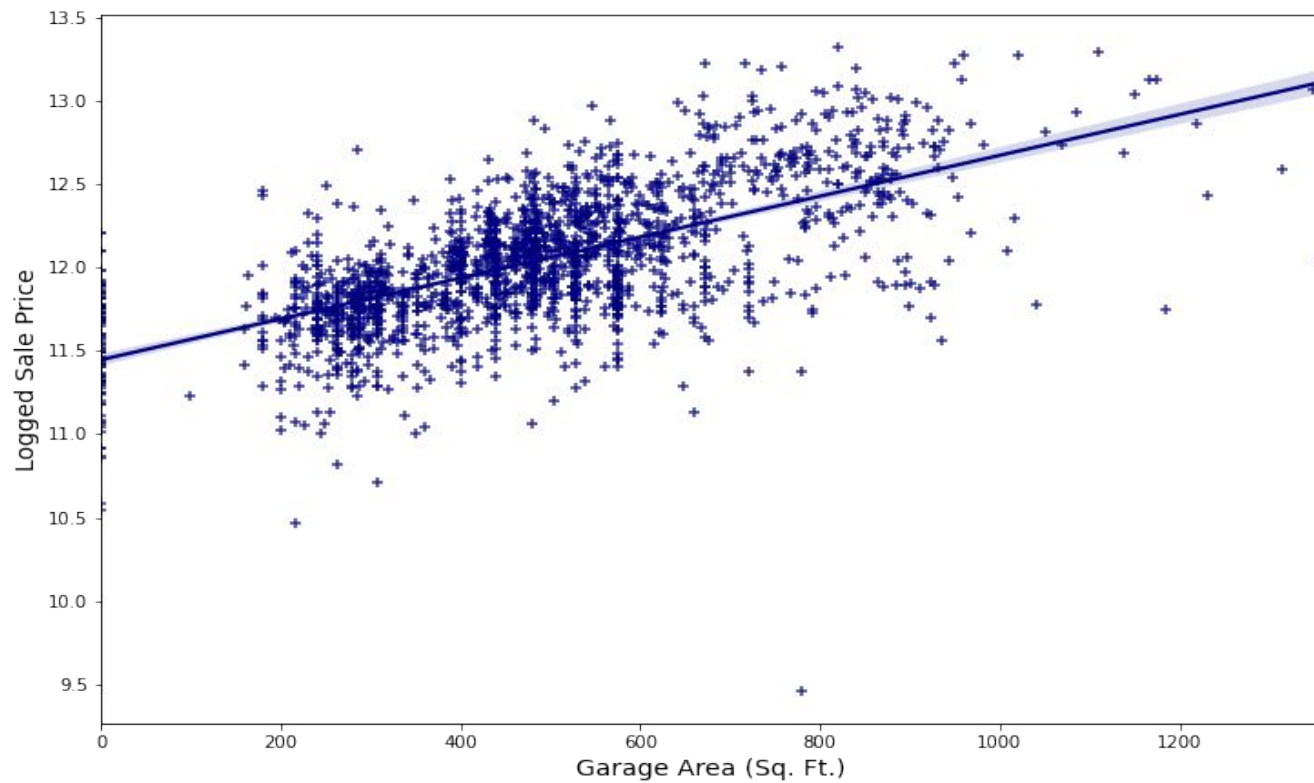
Factors - Overall Quality



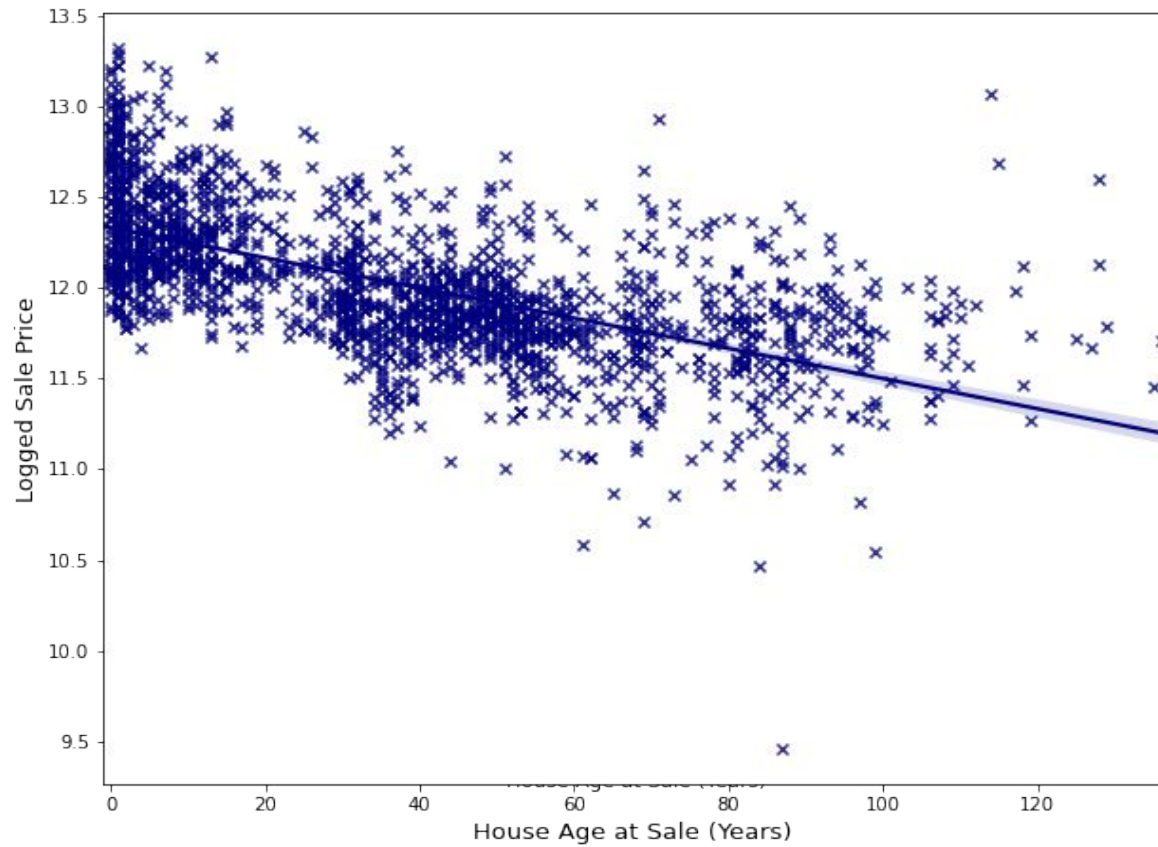
Factors - Neighborhood



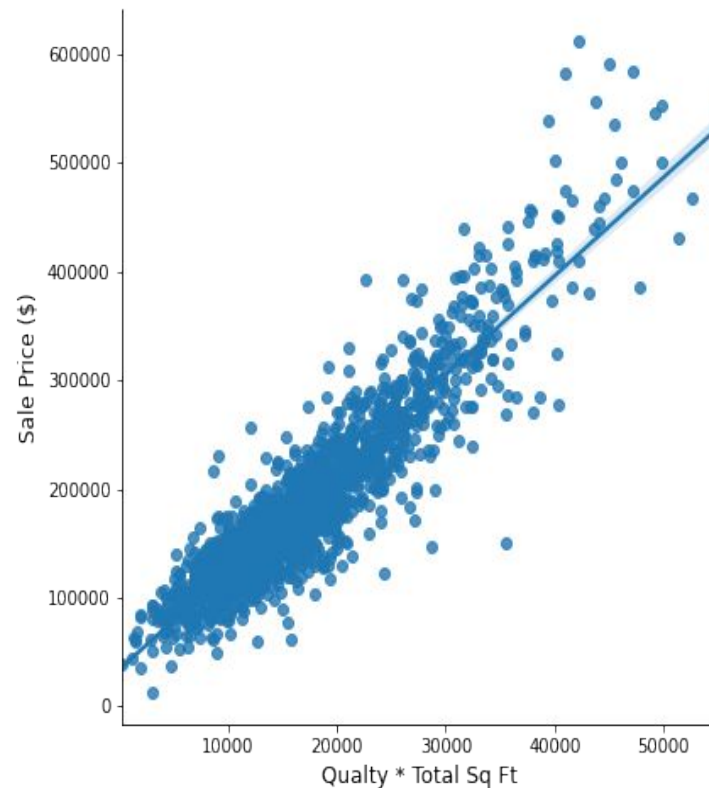
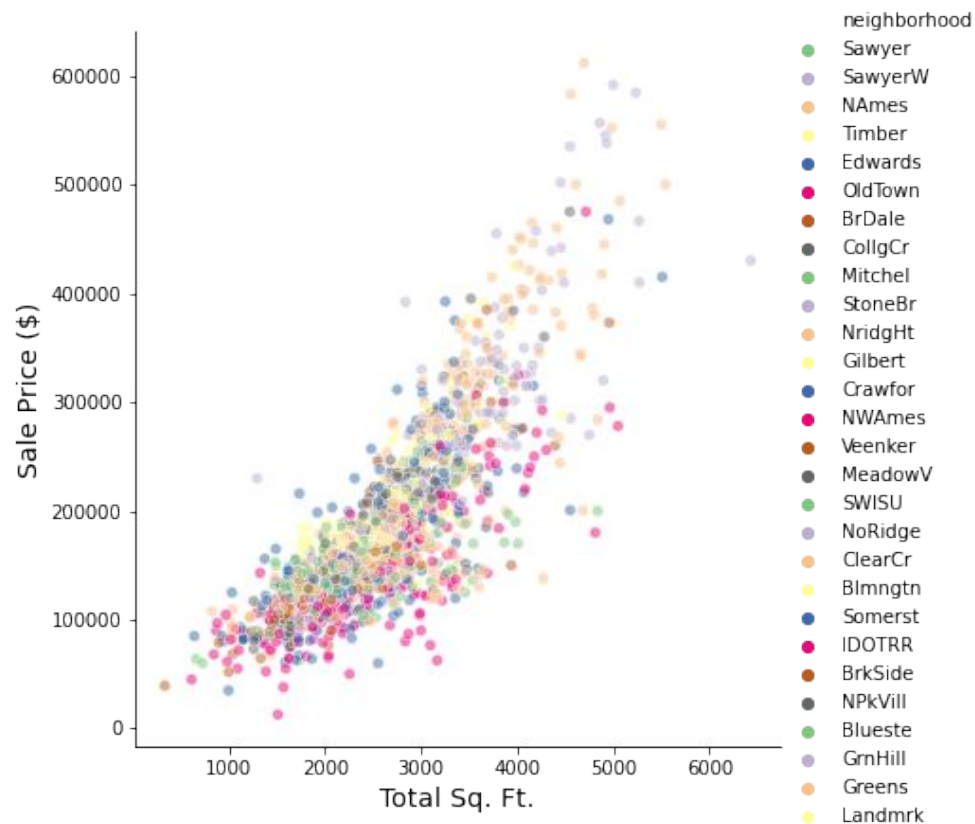
Factors - Garage Area



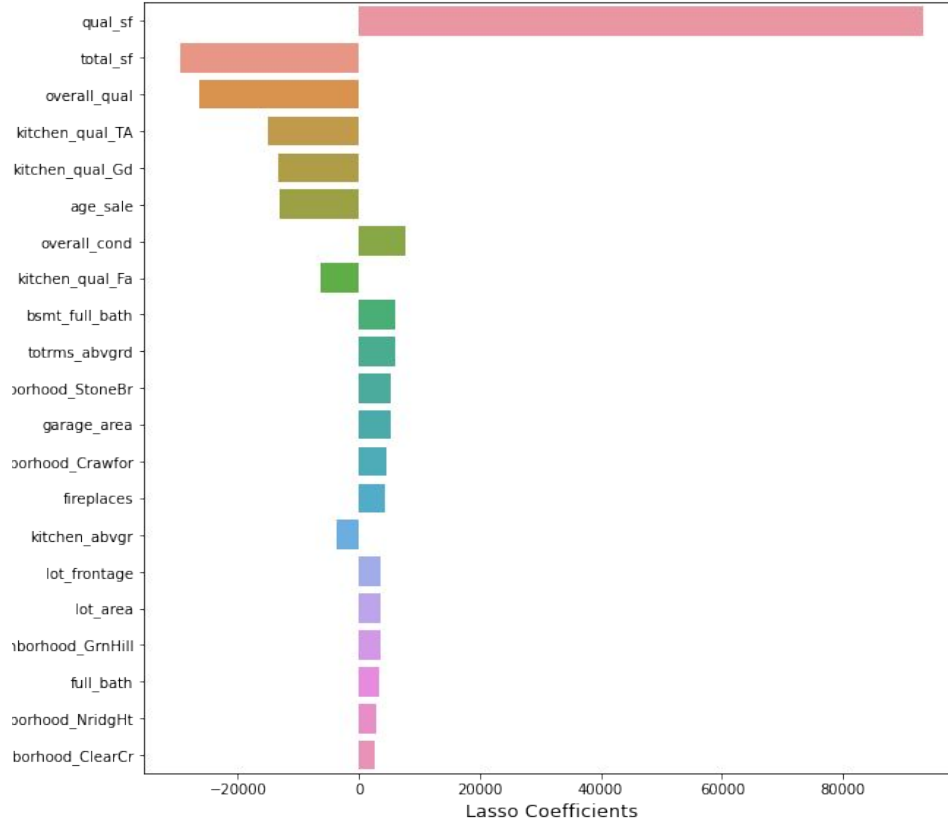
Factors - How old the house is



Factors - Overall Quality, Total Sq. Ft.



Key Factors



Overall Quality * Total Sq. Ft

Overall Condition

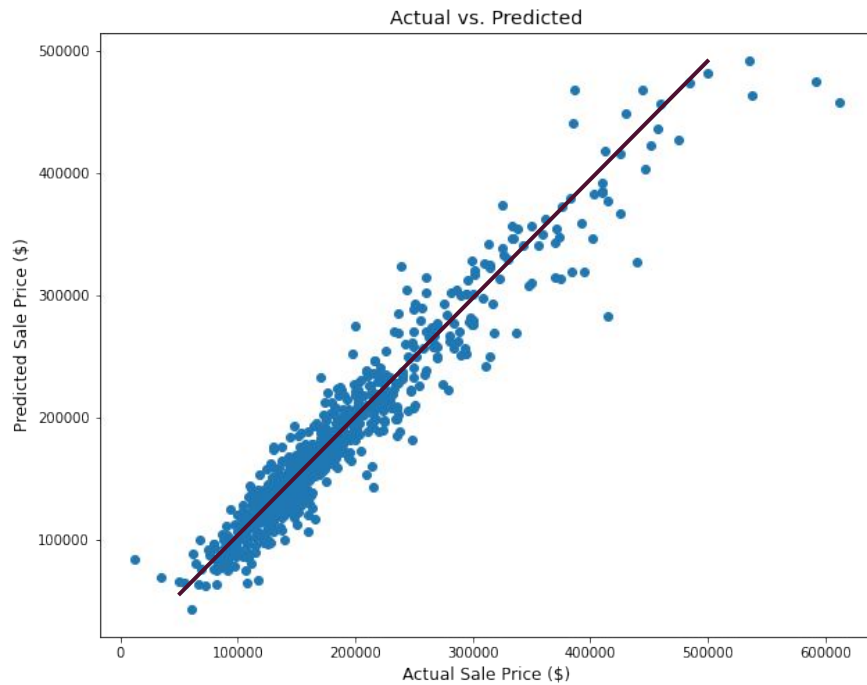
Neighborhood Factors

Stone Brook, Crawford, Green Hill,
Northridge Heights

Number of Bathrooms

Garage Area

The Final Model



Datasets	Accuracy
Train	92.07 %
Test	92.16 %



Suggestions

1

Overall Quality, Total square foot, and Overall Condition

2

Locations - Neighborhoods

3

Key Features - Garage Area, Number of Bathrooms

4

A place that you can connect

THANKS

Does anyone have any questions?

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.

Please keep this slide for attribution.

