# Predicting Sales Price for Homes in Ames, IA

A guide by Michael Knight

# 1. To Start:

**I pored over an extensive list of data** detailing specific aspects of houses in Ames, Iowa to see if I could create a model that would predict the sales price .

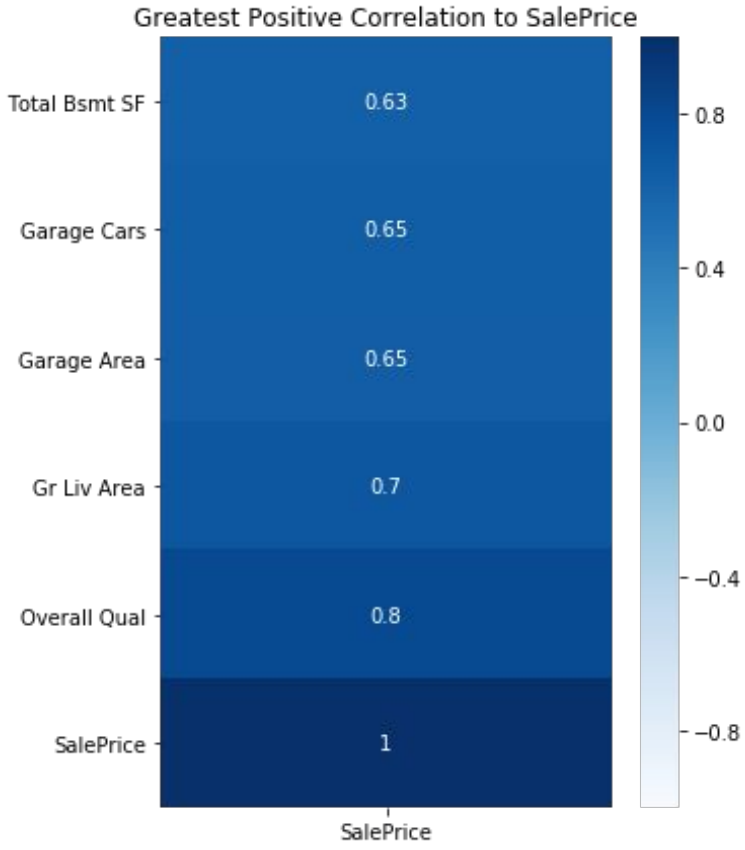
➔ **Cleaning**
There were a ton of null values that I had to deal with.

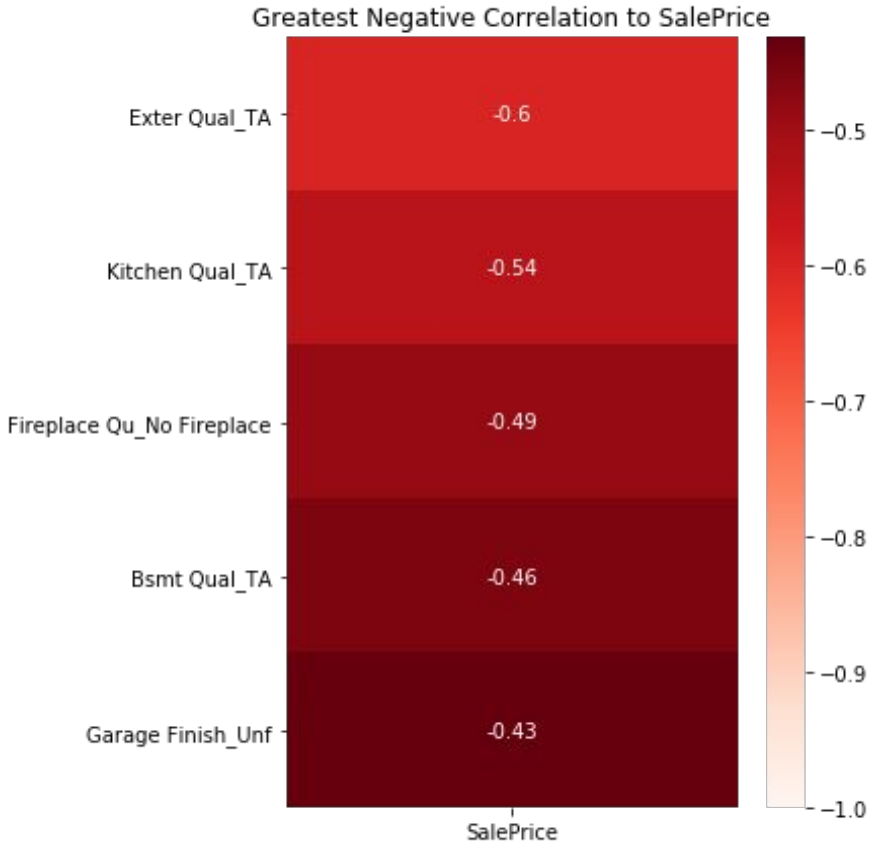
➔ **Interpreting**
There were a lot of categorical, qualitative properties that needed to be quantified.

➔ **Fitting**
I tried 3 different regression models.

# From this data I determined which factors had the greatest impact on price (both positive and negative)

# Aspects with Most Dramatic Impact on Price



# 2. Things worth fixing

Based on what most dramatically affected price for the negative, I would recommend homeowners in Ames to make the following repairs:

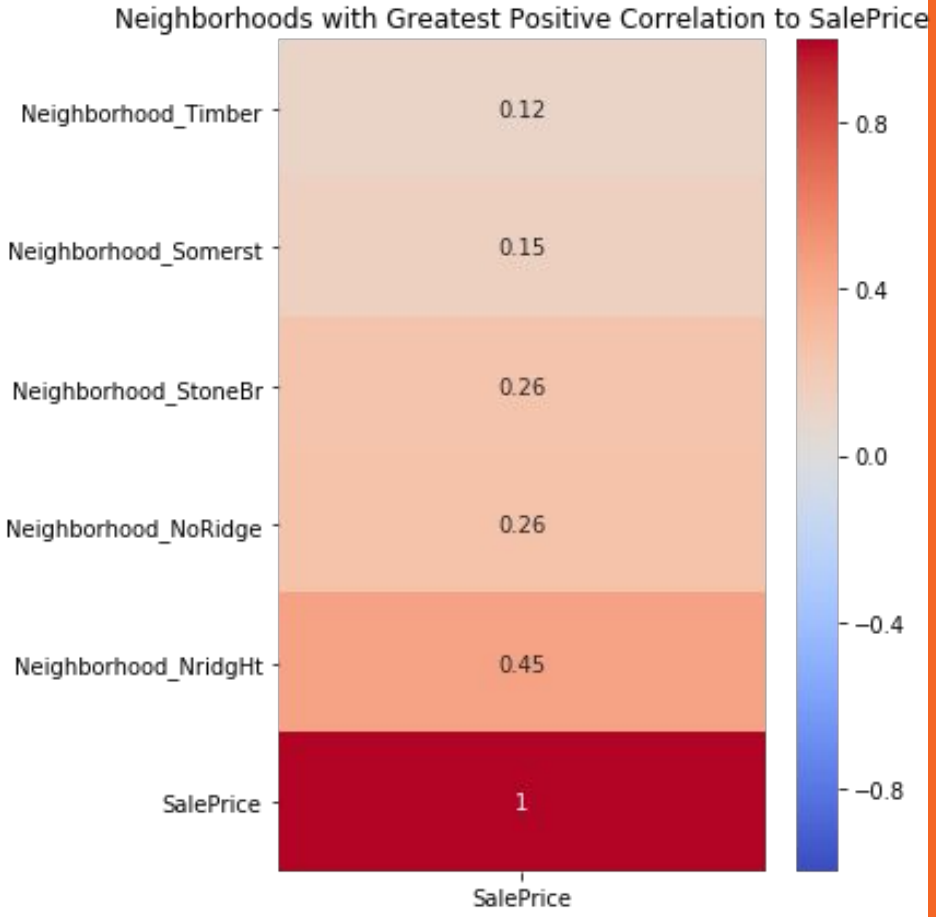
- ➔ **External Features**
- ➔ **Kitchen**
- ➔ **Basement**
- ➔ **Garage Interior Finish**

# ALSO! Neighborhoods

(I determined which neighborhoods seemed like they would be a good investment)

**How**

I made a dataframe that focused only on neighborhoods and found the strongest positive correlation to price.

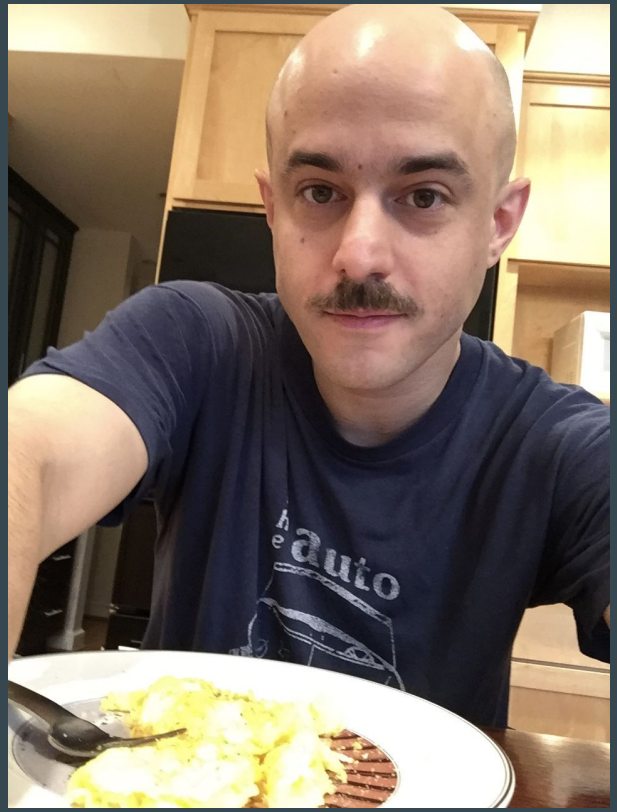



# Best Investment Neighborhoods:

1. Northridge Heights
2. Northridge
3. Stone Brook
4. Somerset
5. Timberland

# ALL OF THIS BEAUTY COULD BE YOURS

# Michael Knight




Army of One
For Ames, IA