

# Project 2

## Ames Housing Data

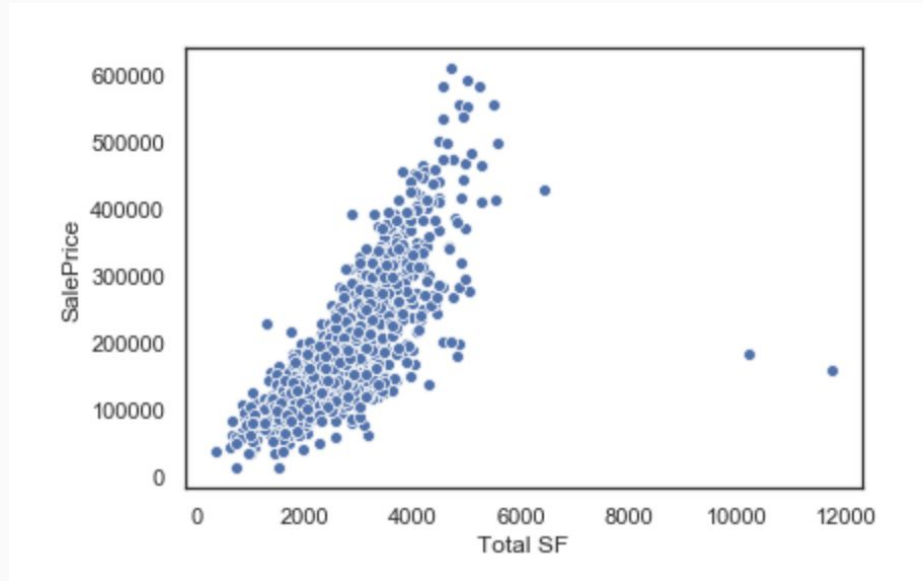
The background image shows a laptop screen. On the screen, there is a line graph with a blue line showing fluctuations over time, and a pie chart with green and blue segments. The text is overlaid on the screen.

# Problem statement:

Ascertain important features that influence house prices both positively and negatively to ensure proper valuation. The proper valuation of houses would prevent another housing bubble from taking place

# Expected Findings from the predictive model

1. Overall Quality
2. Total Sq Feet of the House



# Interesting finds through the predictive model

1. **Garage Area**
2. **Fireplace Quality**
3. **Basement Exposure**



Why are Garage  
Areas and  
Fireplace quality  
essential for the  
houses in Ames?



<https://www.thrillist.com/travel/nation/states-with-the-worst-winters-worst-us-states-for-winter>

# Which feature negatively reduces House prices?

- **Medium Density Housing Zone**

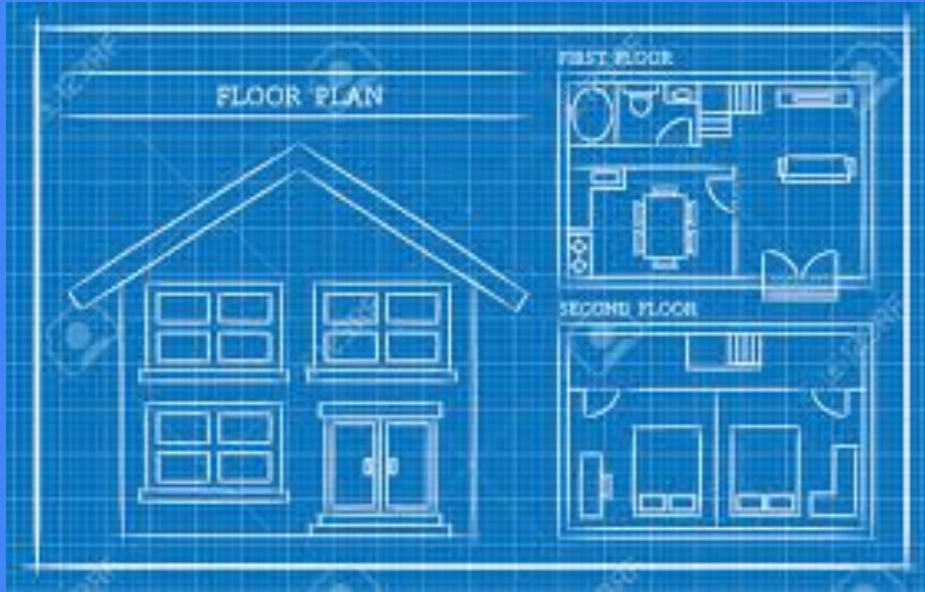






- **Why are these factors important?**
  - Value house prices accurately
    - Prevent another housing bubble from occurring
  - People are more aware of the house prices

# Things to note:



- *Some general features in this model can be used in predicting other houses from a different city.*
- *The other features that are city specific*
  - *Winter prone- Harsh Winter*
  - *Major cities have higher number of apartments*
    - *Different features will be used to predict the prices*