

Assignment 3 Part 3

Lot Area vs Sale Price

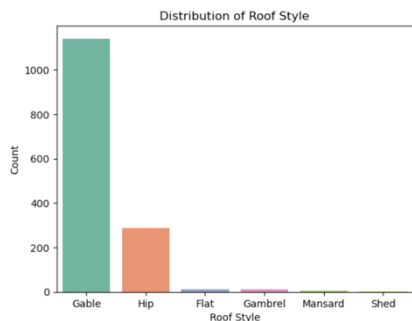


A scatterplot between Lot Area and Sale Price. The correlation between the two variables is 0.264. This correlation coefficient indicates a weak positive linear relationship between the two variables.

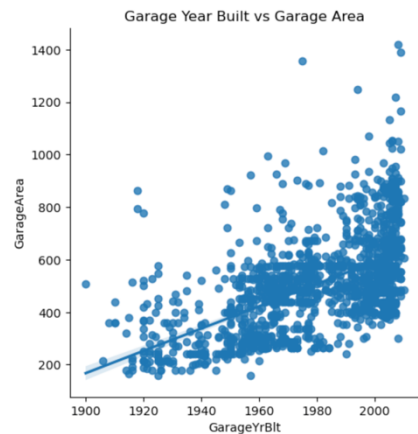
Distribution of Roof Style

Gable	1141	Gable: 78.15%
Hip	286	Hip: 19.59%
Flat	13	Flat: 0.89%
Gambrel	11	Gambrel: 0.75%
Mansard	7	Mansard: 0.48%
Shed	2	Shed: 0.14%

The tables and graph display the distribution of roof styles. Gable roof style occupies 78.15% of the distribution, causing it to be significantly greater than other roof style types.



Garage Year Built vs Garage Area



A scatterplot between Garage Year Built and Garage Area. The correlation between the two variables is 0.564. This correlation coefficient indicates moderately strong positive linear relationship between the two variables. In other words, a more recently built garage provides a significantly larger garage area.