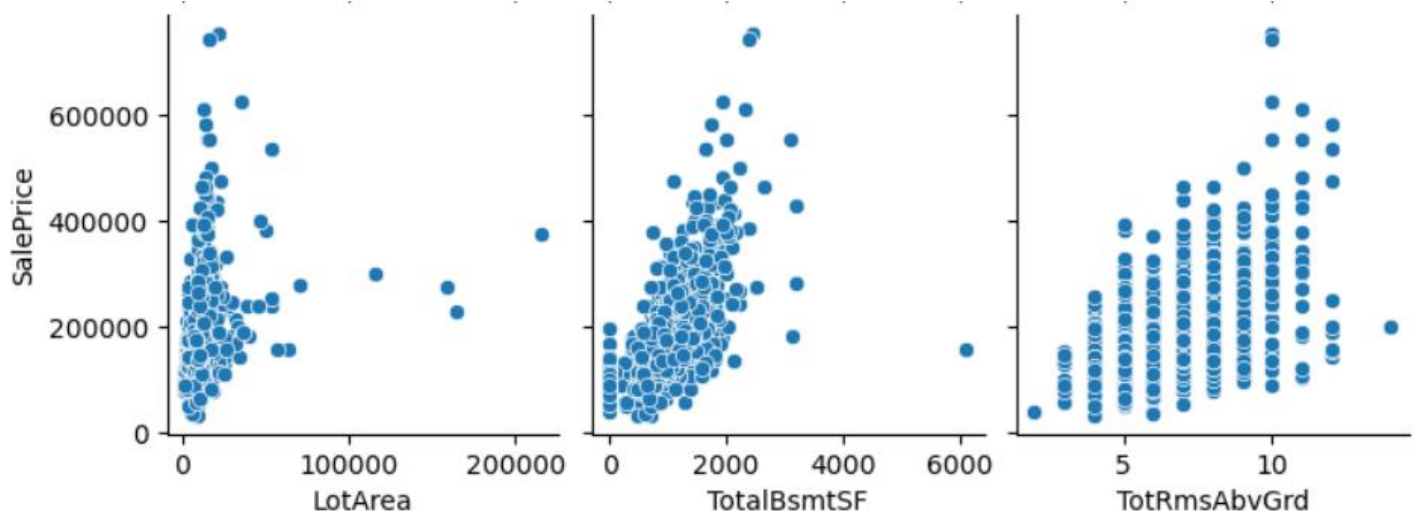


EXECUTIVE SUMMARY – HOUSE PRICES STUDY

The following is a dataset of residential homes in Ames, Iowa which includes various elements that provide a comprehensive description of each residential property. In this study, we will see which elements or features in a residential home influences the sales price.



Sale Price and Lot Area

Result: Correlation coefficient of 0.26

Conclusion: There is weak correlation between lot area and the sale price.

Sale Price and Total Basement Area

Result: Correlation coefficient of 0.61

Conclusion: There is moderate positive correlation between total basement area and the sale price.

Sale Price and Number of Rooms

Result: Correlation coefficient of 0.53

Conclusion: There is moderate positive correlation between number of rooms and the sale price.