EDA on House prices Dataset

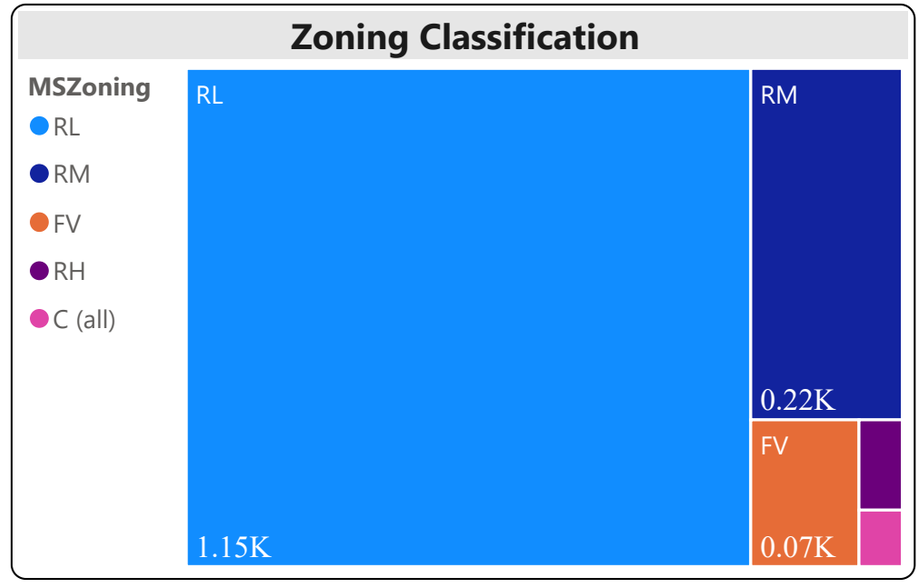
1460

Total Number of Houses

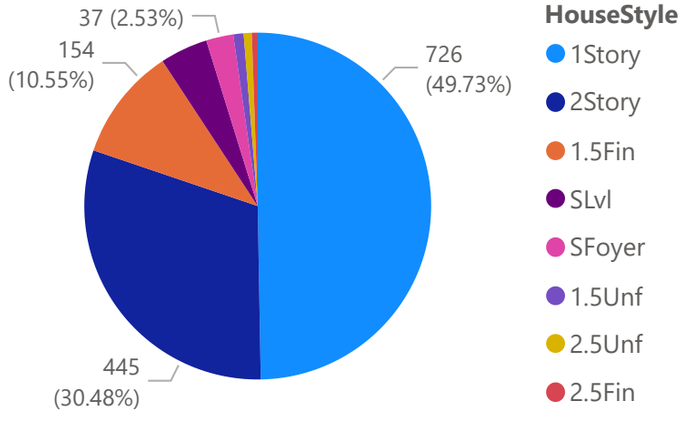
More number of houses are present in the Low density Residential area

The various zones where the houses are present includes :

A	Agriculture
C	Commercial
FV	Floating Village Residential
I	Industrial
RH	Residential High Density
RL	Residential Low Density
RP	Residential Low Density Park
RM	Residential Medium Density

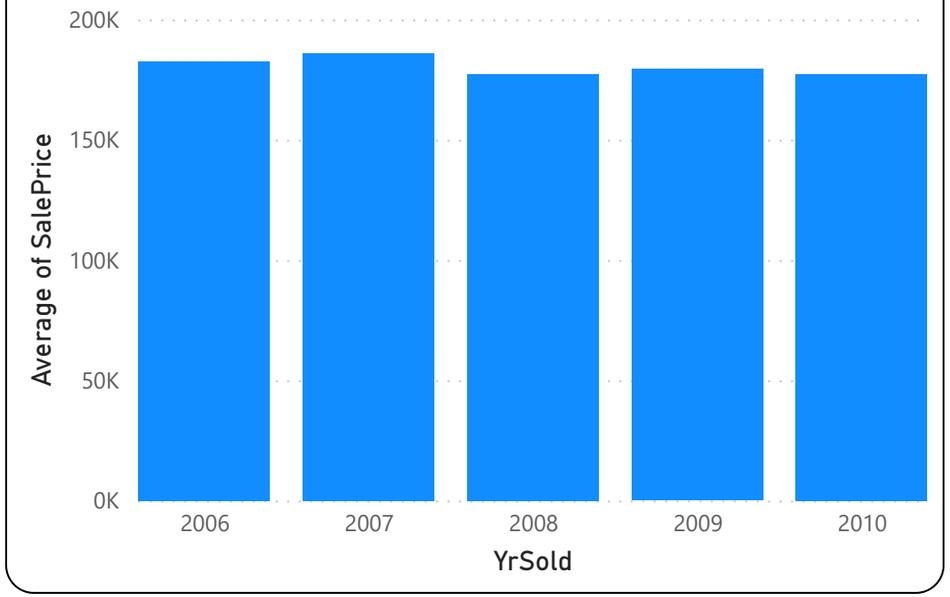


Proportion of houses on sale based on style of dwelling



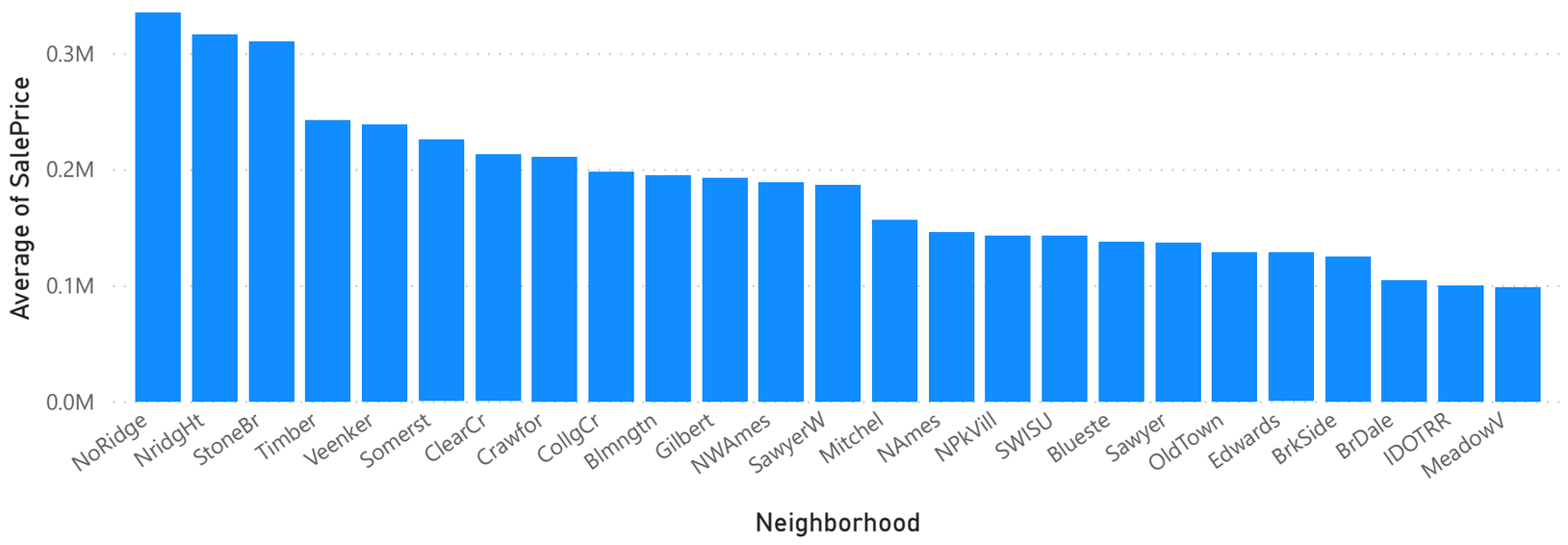
Most houses on sale are the 1 Story kind

Proportion of sales price over year



Sales price remains almost constant range over the year

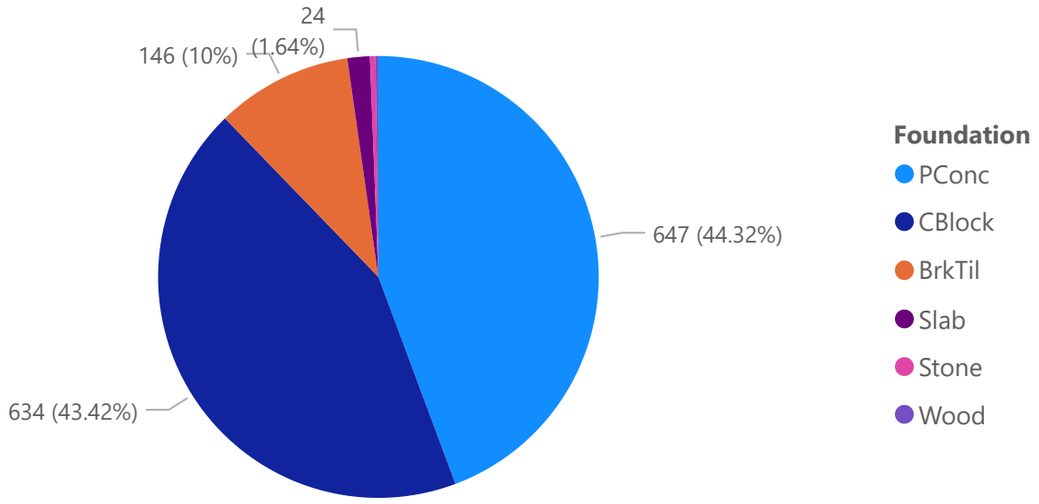
Sales over different regions



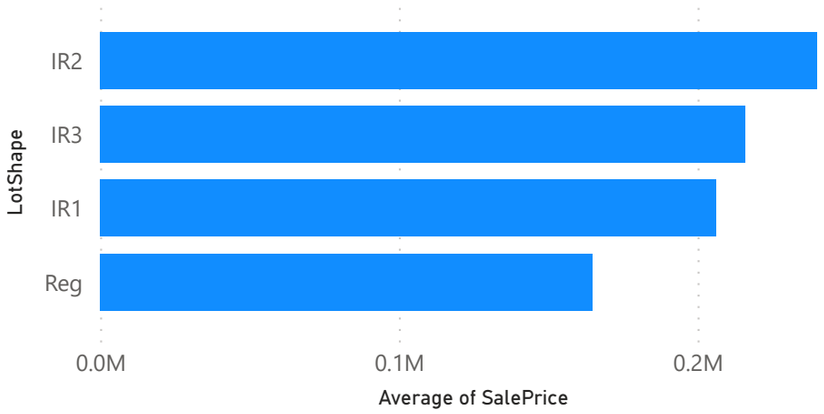
Selling price of house varies from place to place. The average saleprice is higher for houses in Northridge compared to other locations .

Proportion of Foundation type

Most of the houses uses Poured Contrete and Cinder Block foundation type

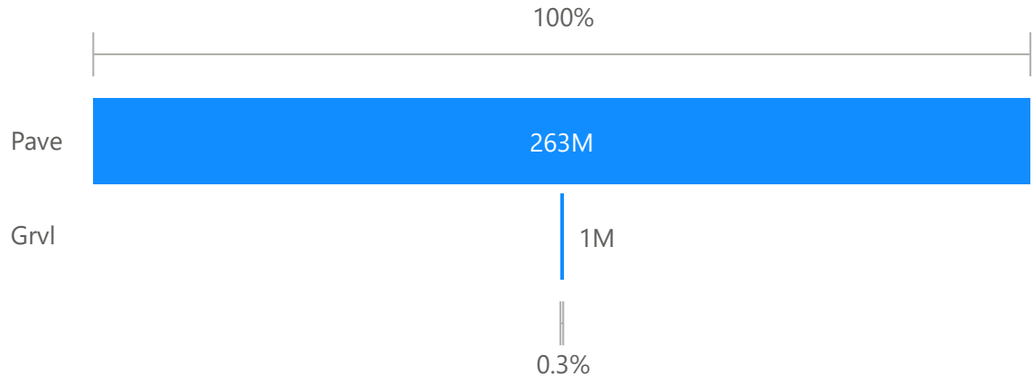


Shape of property and sales price.



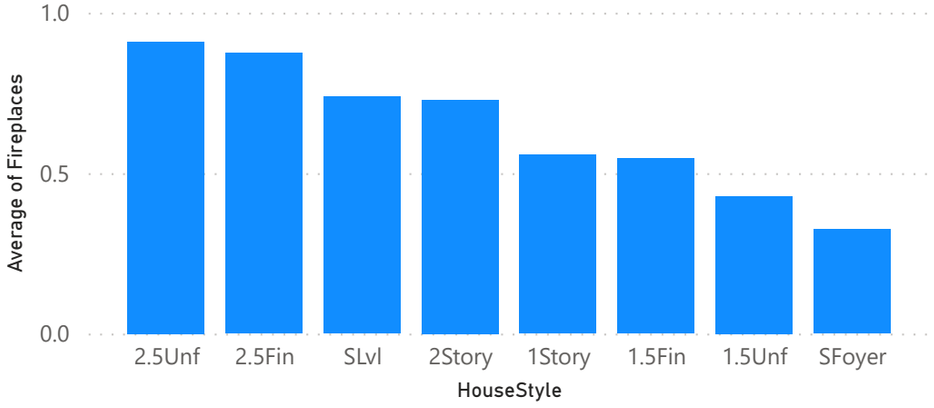
It seems like the average saleprice is the highest for Moderately irregular shaped plot.

SalePrice by Street



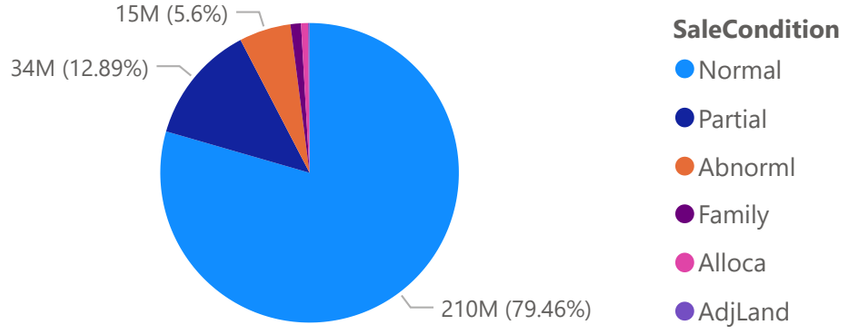
It shows that houses having paved driveways are more preferable than gravel driveways.

Average of Fireplaces by HouseStyle



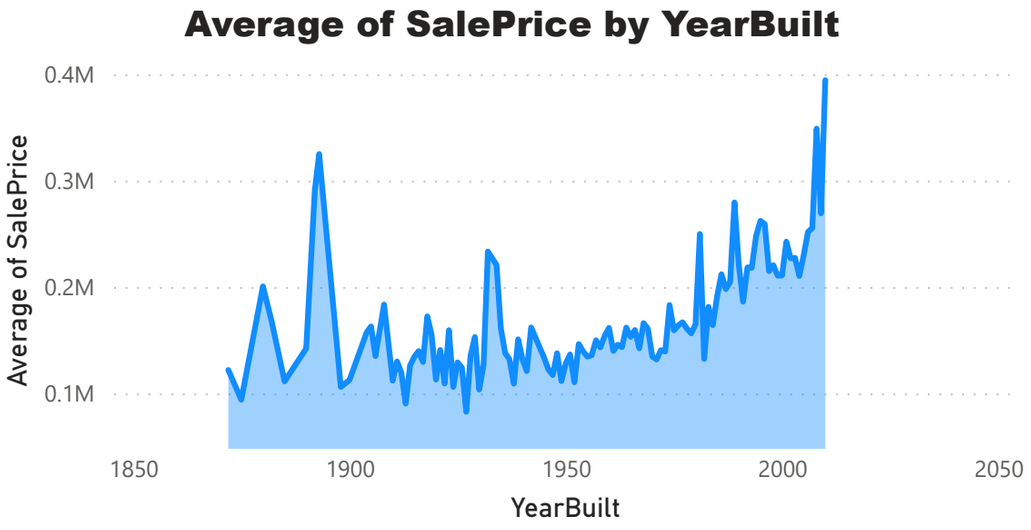
2.5 storey houses has more fireplaces than other types of houses

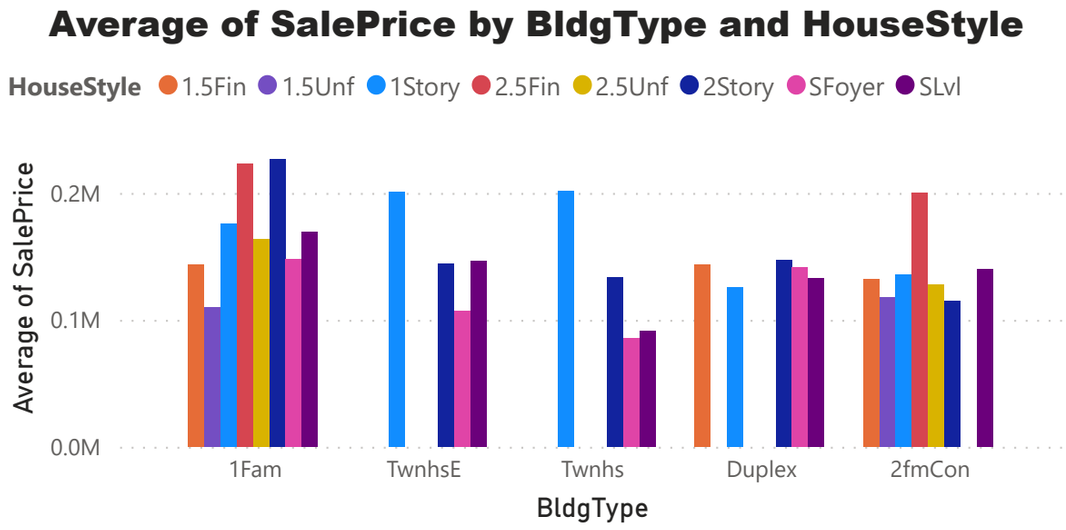
SalePrice by SaleCondition

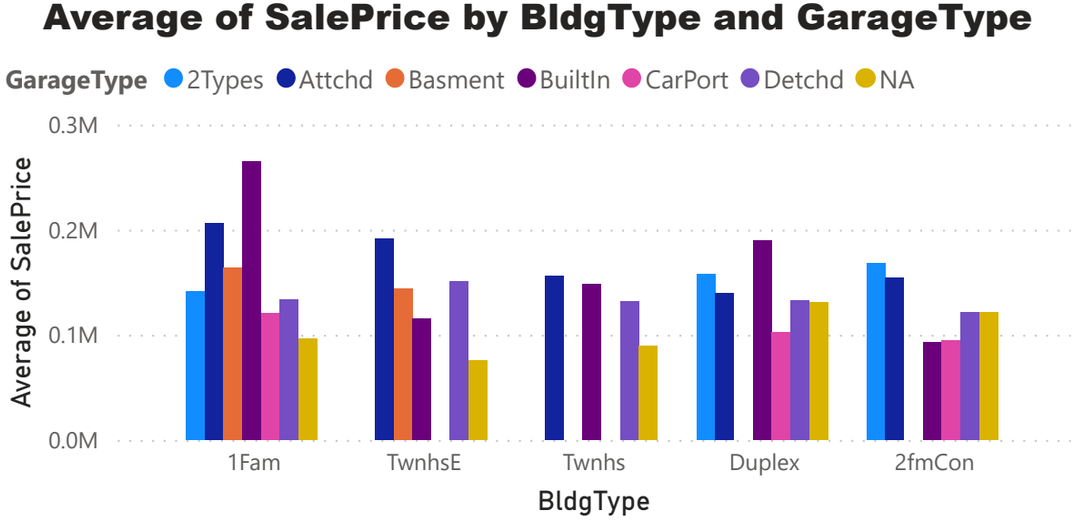


Normal sales are happend in most cases.

Sales price by various Parametrs







CONCLUSION

The survey was done on 1460 residential homes built during 1879 to 2004 in Ames, Iowa, US.
More number of houses are present in the Low density Residential area
Most houses on sale are the 1 Story kind
Sales price remains almost constant range over the year
Most of the houses uses Poured Contrete and Cinder Block foundation type
Most of the houses have access to a paved road and are single storied.
Most of the houses were sold under normal sales, followed by partial and abnormal sales.
The location of houses paly a major role in predicting the saleprice