TRAIN-ANALYSIS

Description of Datasets: “train”

Data Description:

The data is about the persons travelled in train according to their convenience.

* MSSubClass ( first column): The building class.
* MSZoning (second column): The general zoning classification.
* LotFrontage(third column): Linear feet of street connected to property.
* LotArea(fourth column): Lot size in square feet.
* LotShape(fifth column):General shape of property.
* Neighborhood(sixth column): Physical locations within Ames city limits
* HouseStyle(seventh column): Style of dwelling.
* YearBuilt(eighth column): Original construction date
* YearRemodAdd(ninth column): Remodel date
* 1stFlrSF(tenth column): First Floor square feet
* 2ndFlrSF(eleventh column): Second floor square feet
* LowQualFinSF(twevlth column): Low quality finished square feet (all floors)
* Fireplaces(thirteenth column): Number of fireplaces
* FireplaceQu(fourteenth column): Fireplace quality
* MiscFeature(fifteenth column): Miscellaneous feature not covered in other categories
* MiscVal(sixteenth column): $Value of miscellaneous feature
* MoSold(seventeenth column): Month Sold
* YrSold(eighteenth column): Year Sold
* SaleType(nineteenth column): Type of sale
* SaleCondition(twenty column): Condition of sale.
* SalePrice(twenty oneth column) - the property's sale price in dollars. This is the target variable that you're trying to predict.

Data Analysis:

* Read the data into the R Studio and dimensions of the train.
* Plot the data in ggplotting between YearBuilt, SalePrice and Geometric point with colour Red.
* Plot the data in ggplotting between Yrsold, Mosold with SalePrice and Boxplot with Black and blue colour.
* Plot the data in ggplotting between Mosold in histogram with green colour.
* Plot the data in ggplotting between X1stFlrSF, SalePrice with geometric point in red colour.
* Plot the data in ggplotting between FireplaceQu, MSZoning with SalePrice with boxplot with black colour.
* Plot the data in ggplotting between LotArea, ScreenPorch, LowQualFinSF with SalePrice in geometric point with green,red and black colour.
* And finally, plotting between the Lotfrontage and SalePrice geometric point and smooth with black colour with legend position.