**Exploratory Data Analysis :**

In Data Analysis We will Analyze To Find out the below stuff

1. Missing Values. See percentage of missing values

2. All The Numerical Variables

3. Distribution of the Numerical Variables

4. check Numerical variables (discrete variables, continuous variables)

5. logarithmic transformation on continuous variables

6. check Outliers with boxplot

7. Categorical Variables

8. Cardinality of Categorical Variables

9. Relationship between independent and dependent feature(SalePrice)

10. Check Temporal Variables(Eg: Datetime Variables)

**Feature engineering:**

We will be performing all the below steps in Feature Engineering

1. Split data to train and test

2. Missing values

3. Temporal variables

4. Categorical variables: remove rare labels (categorical variables that are present less than 1% of the observations)

5. Standarise the values of the variables to the same range (scaling minmax)

**Feature selection:**

Use of lasso regression to select relevant features.