**Steps for supervised Machine Learning**

1. **EDA Exploratory Data Analysis.**
   1. **Loading the Dataset**
   2. **Missing Value Analysis**
   3. **Handling the Outliers**
   4. **Plotting the meaningful Insights**
2. **Encoding**
   1. **One hot encoding (nominal)**
   2. **Ordinal encoding**
3. **Data Split**
   1. **Train and Test data assigning**
      1. **X = train data**
      2. **y = test data**
   2. **train test split**
      1. **Train data size = 60% +**
      2. **random state = 0 (or) any**
4. **Normalising**
   1. **Standard scalar**
      1. **Fit (X train)**
      2. **Transform (input data** (x train, x test))
5. **Pre pruning**
   1. **Hyper parameter tuning**
6. **Model building**
   1. **Regression**
   2. **Classification**
7. **Post pruning** 
   1. **If pre pruning is not done before**
8. **Accuracy Test**
   1. **Regression (r2 score)**
   2. **Classification (classification report)**