1. **­Data Collection**
2. **Identifying problem – classification or Regression**
3. **Finding Important variables to be taken into algorithm for prediction**
4. **Data Cleaning**
   1. **Outliers**
   2. **Missing values**
   3. **Dummy variables**
   4. **Making data more structured- into desired formats as per problem statement – scaling, conversions**
5. **Identifying algo to use – Supervised Ml approach or Unsupervised ML Algo to be used**
6. **Importing the Algorithm**
7. **Dividing our data into train test**
8. **Training our model on X\_TRAIN , Y\_TRAIN**
9. **Making predictions on X\_TEST**
10. **Checking the prediction results for both X\_test and X\_train to see overfitting and underfitting**
11. **Making predictions by taking the model performance into consideration**