```
X.head()
y.head()
Step 5: Apply Feature Scaling
Various Data Scaling Techniques:
  1. Normalizer
     MinMax Scaler
  3. Binarizer
     Standard Scaler
  4.
# Apply Standard Scaler
from sklearn.preprocessing import StandardScaler
scaler = StandardScaler()
SSX = scaler.fit transform(X)
Step 6: Train Test Split
from sklearn.model selection import train test split
X_train,X_test,y_train,y_test =
train test split(SSX,y,test size=0.2,random state=2)
X train.shape, y train.shape
Step 7: Build CLASSIFICATION Algorithms
    8.1) Logistic Regression
from sklearn.linear model import LogisticRegression
lr = LogisticRegression(solver='liblinear', multi class='ovr')
lr.fit(X train,y train)
    8.2) K-Nearest Neighbors Classifier(KNN)
from sklearn.neighbors import KNeighborsClassifier
knn = KNeighborsClassifier()
knn.fit(X_train,y_train)
    8.3) Naive-Bayes Classifier
from sklearn.naive_bayes import GaussianNB
nb = GaussianNB()
nb.fit(X train, y train)
    8.4) Support Vector Machine (SVM)
from sklearn.svm import SVC
sv = SVC(kernel='linear')
```

sv.fit(X_train,y_train)