```
import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
dataset = pd.read_csv('Social_Network_Ads.csv')
X = dataset.iloc[:, :-1].values
y= dataset.iloc[:,-1].values
from sklearn.model_selection import train_test_split
X_train, X_test, y_train,y_test=train_test_split(X,y,test_size=0.25,random_state=0)
print(X_train)
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print(y_train)
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print(y_test)
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     {\it from sklearn.preprocessing import Standard Scaler}
sc = StandardScaler()
X_train = sc.fit_transform(X_train)
X_test = sc.transform(X_test)
print(X_train)
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from sklearn.svm import SVC
# kernel to be set linear as it is binary class
classifier = SVC(kernel='linear')
# traininf the model
{\tt classifier.fit(X\_train,\ y\_train)}
              SVC
     SVC(kernel='linear')
print(classifier.predict(sc.transform([[40,200000]])))
y_pred = classifier.predict(X_test)
print(np.concatenate((y_pred.reshape(len(y_pred),1),y_test.reshape(len(y_test),1)),1))
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