

Presented by :V.Reshma

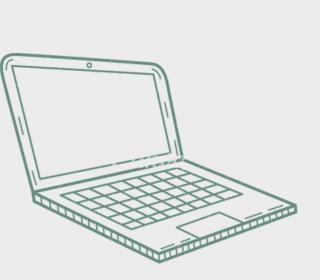
INTRODUCTION:

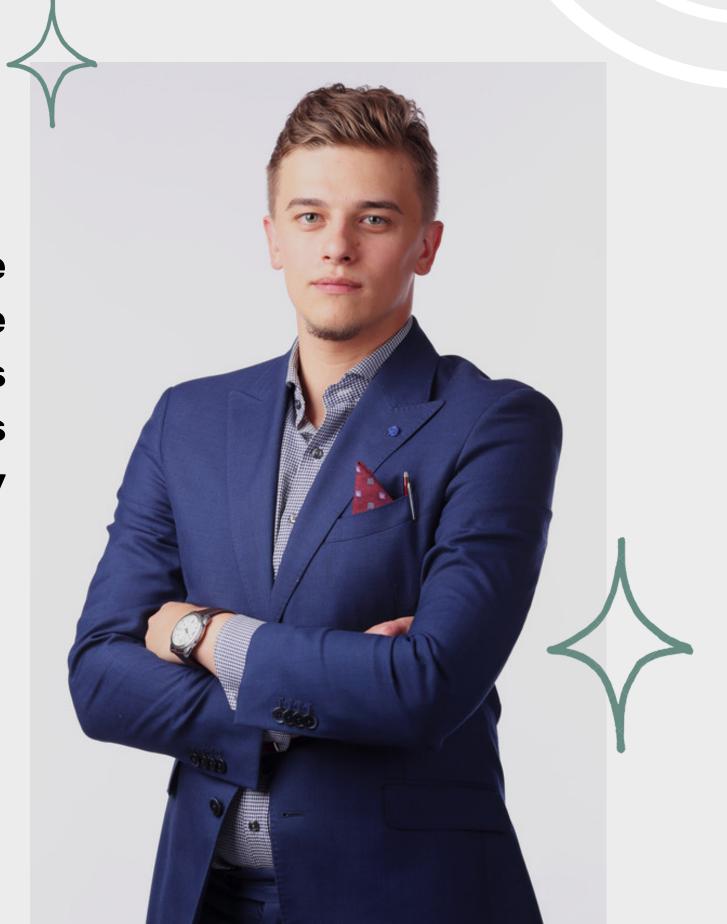
Stock Price Prediction using machine learning helps you discover the future value of company stock and other financial assetstraded on an exchange. The entire idea of predicting stock prices is to gain significant profits. Predicting how the stock market will perform is a hard task to do text



ABSTRACT

 In Stock Market Prediction, the aim is to predict the future value of the financial stocks of a company. The recent trend in stock market prediction technologies is the use of machine learning which makes predictions based on the values of current stock market indices by training on their previous values.





EXPLORATORY ALALYSIS

• To begin this exploratory analysis, first import libraries and define functions for plotting the data using matplotlib. Depending on the data, not all plots will be made.

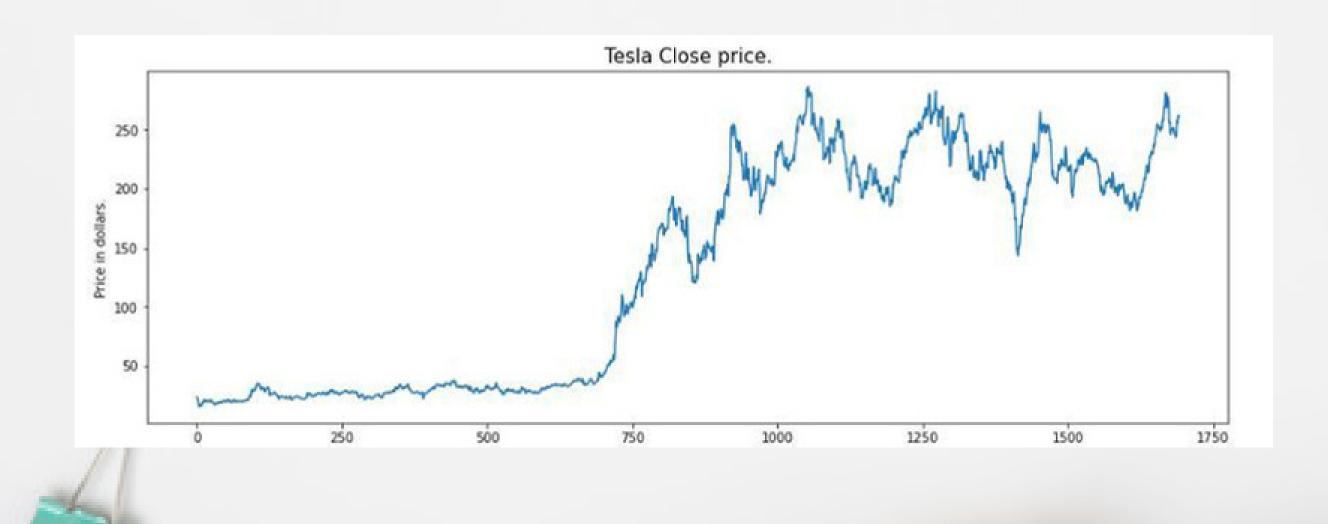


PROGRAM

import numpy as np import pandas as pd import matplotlib.pyplot as plt import seaborn as sb from sklearn.model_selection import train_test_split from sklearn.preprocessing import StandardScaler from sklearn.linear_model import LogisticRegression from sklearn.svm import SVC from xgboost import XGBClassifier from sklearn import metrics features = ['Open', 'High', 'Low', 'Close', 'Volume'] plt.subplots(figsize=(20,10)) for i, col in enumerate(features): plt.subplot(2,3,i+1) sb.distplot(df[col]) plt.show()



OUTPUT



features = ['Open', 'High', 'Low', 'Close', 'Volume']
plt.subplots(figsize=(20,10))
for i, col in enumerate(features):
plt.subplot(2,3,i+1)
sb.distplot(df[col])
plt.show()





features = ['Open', 'High', 'Low', 'Close', 'Volume']

plt.subplots(figsize=(20,10))

for i, col in enumerate(features):

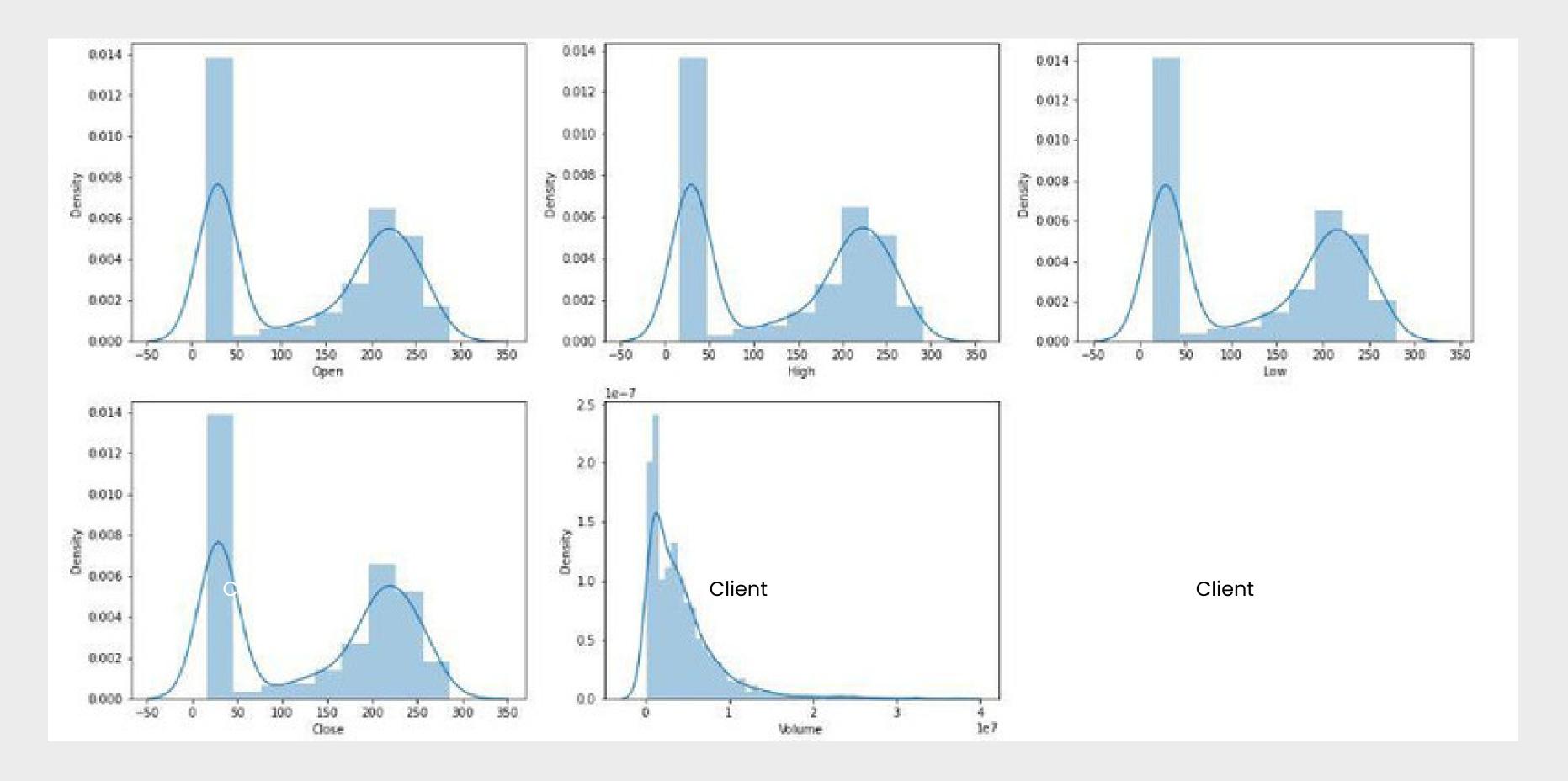
plt.subplot(2,3,i+1)

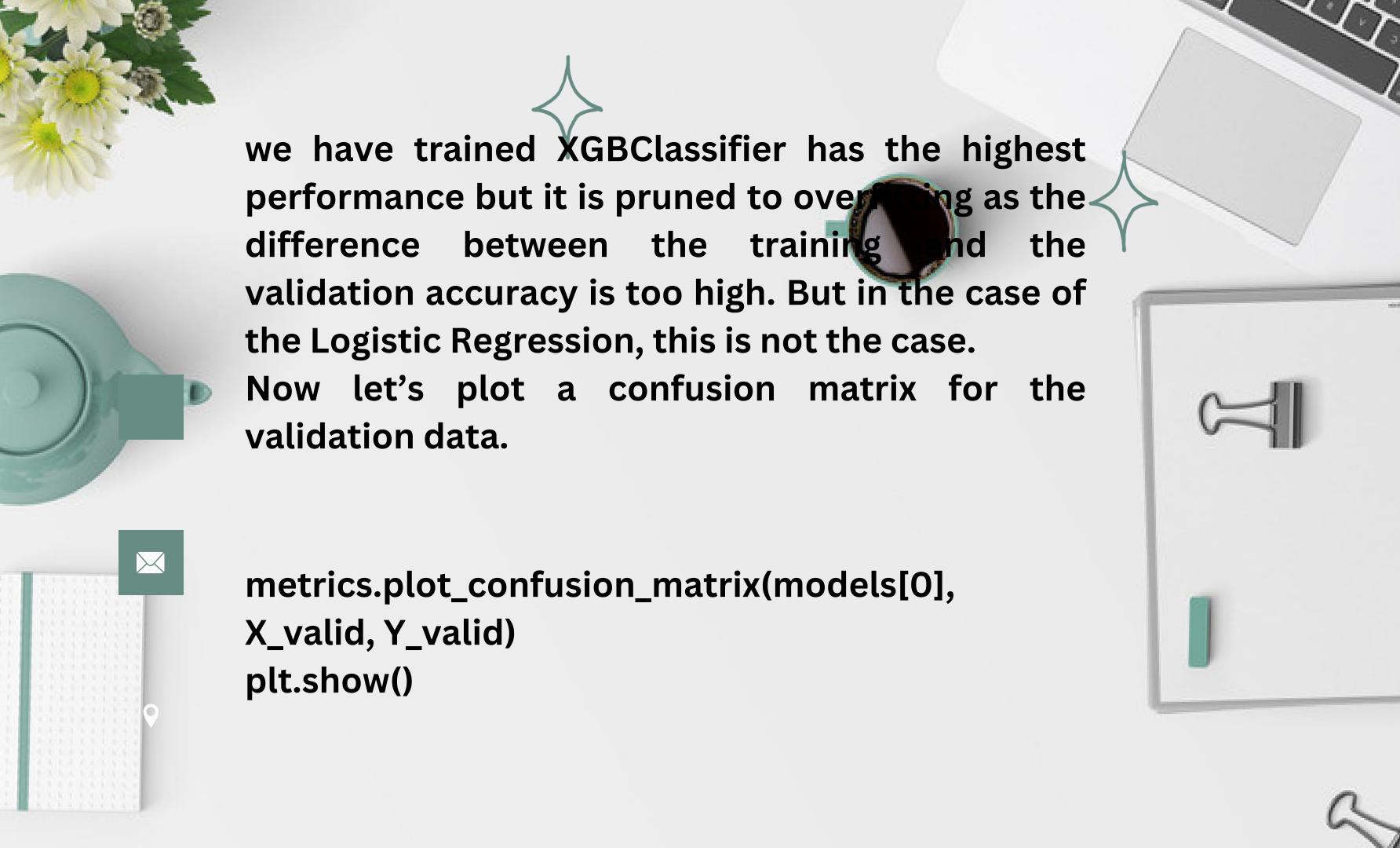
sb.distplot(df[col])

plt.show()

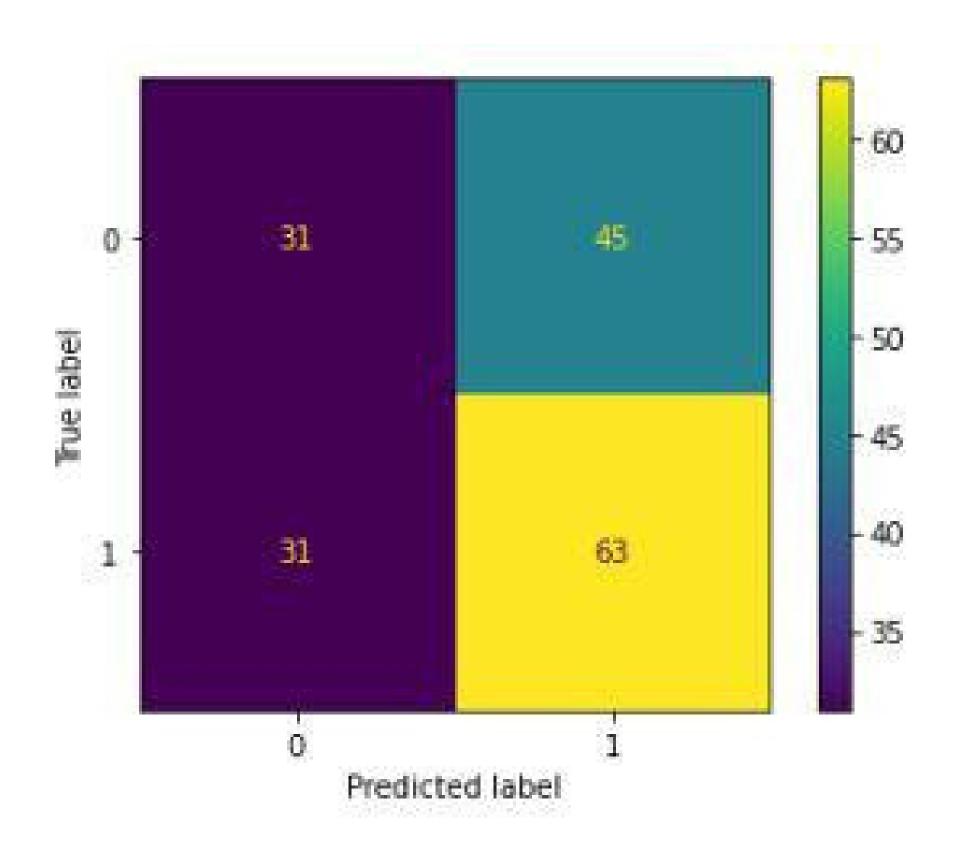


OUTPUT





OUTPUT



CONCLUSION

A stock price is a given for every share of the company.

