```python
import numpy as np
import matplotlib.pyplot as plt
import pandas as pd


dataset=pd.read_csv(r"D:\Data Science with AI\Data Science With AI\3rd, 4th -august- Logistic Re


x=dataset.iloc[:,[2,3]].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=0.20,random_state=0)

from sklearn.preprocessing import StandardScaler
sc=StandardScaler()
x_train=sc.fit_transform(x_train)
x_test=sc.transform(x_test)

from sklearn.neighbors import KNeighborsClassifier
classifier=KNeighborsClassifier()
classifier.fit(x_train,y_train)


y_pred=classifier.predict(x_test)


from sklearn.metrics import confusion_matrix
cm=confusion_matrix(y_test,y_pred)
print(cm)


from sklearn.metrics import accuracy_score
ac=accuracy_score(y_test,y_pred)
print(ac)



from sklearn.metrics import classification_report
cr=classification_report(y_test,y_pred)
cr



bias=classifier.score(x_train,y_train)
bias


variance=classifier.score(x_test,y_test)
variance


model_score=variance*100
model_score



dataset1=pd.read_csv(r"D:\Data Science with AI\Data Science With AI\3rd, 4th -august- Logistic F
d2=dataset1.copy()
```

```python
dataset1=dataset1.iloc[:,[3,4]].values

from sklearn.preprocessing import StandardScaler
sc=StandardScaler()
M=sc.fit_transform(dataset1)
M


y_pred1=pd.DataFrame()
d2['y_pred1']=classifier.predict(M)
d2['y_pred1']


d2.to_csv('final2.csv')


import os
os.getcwd()
```