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import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
from google.colab import files
uploaded = files.upload()
dataset = pd.read csv('diabetes1.csv')
plt.scatter(dataset['Glucose'], dataset['Outcome'])
plt.title('Glucose vs Outcome')
plt.xlabel('Glucose')
plt.ylabel('Outcome')
plt.show()
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 = 0.2,
random state = 0)
from sklearn.linear model import LogisticRegression
regressor = LogisticRegression()
regressor.fit(X train,Y train)
Y pred = regressor.predict(X test)
df = pd.DataFrame({'Actual':Y_test,'Predicted':Y_pred})
print(df)
train acc = regressor.score(X train, Y train)
print("The accuracy of training dataset is {}".format(train acc*100))
from sklearn.metrics import accuracy score
test acc = accuracy score(Y test,Y pred)
print("The accuracy of testing dataset is {}".format(test acc*100))
from sklearn.metrics import classification report, confusion matrix
print(classification report(Y test,Y pred))
cm = confusion matrix(Y test,Y pred)
print(cm)
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X_test = np.array(([156],[72]))
Y_pred = regressor.predict(X_test)
print(Y_pred)
```