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Python code as in heart_classifier.ipynb file

#This model predicts the chance of a heart attack using machine learning.

```
#1 indicates greater posibility, whereas 0 indicates negligible posibility.
import pandas as pd
dataframe = pd.read_csv('/content/heart.csv')
dataframe.info()
#dividing data into input(x) and outpur(y)
x = dataframe.iloc[:,2:13].values
y = dataframe.iloc[:,13].values
#spliting both input and output data into two sets for training and testing
from sklearn.model selection import train test split
x_train,x_test,y_train,y_test = train_test_split(x,y,random_state = 0)
#scaling the input data due to huge difference in values in different columns
from sklearn.preprocessing import MinMaxScaler
scaler = MinMaxScaler()
x train = scaler.fit transform(x train)
x_test = scaler.fit_transform(x_test)
#applying the classifier alogorithm
from sklearn.linear_model import LogisticRegression
model = LogisticRegression()
#fitting the model
model.fit(x_train,y_train)
#predictor variable
y_pred = model.predict(x_test)
print(y_pred) #predicted output values
#checking the accuracy of the model
from sklearn.metrics import accuracy score
print('Accuracy',accuracy_score(y_pred,y_test)*100)
#predicting for user-entered individual data
x_user = scaler.fit_transform([[1,130,236,0,1,150,0,2.3,0,0,3]])
print('Predicted value from the user entered data is',model.predict(x_user))
```