import numpy as np

import pandas as pd

import os, sys

from sklearn.preprocessing import MinMaxScaler

from xgboost import XGBClassifier

from sklearn.model\_selection import train\_test\_split

from sklearn.metrics import accuracy\_score

#DataFlair - Read the data

df=pd.read\_csv('D:\\DataFlair\\parkinsons.data')

df.head()

#DataFlair - Get the features and labels

features=df.loc[:,df.columns!='status'].values[:,1:]

labels=df.loc[:,'status'].values

#DataFlair - Get the count of each label (0 and 1) in labels

print(labels[labels==1].shape[0], labels[labels==0].shape[0])

#DataFlair - Scale the features to between -1 and 1

scaler=MinMaxScaler((-1,1))

x=scaler.fit\_transform(features)

y=labels

#DataFlair - Split the dataset

x\_train,x\_test,y\_train,y\_test=train\_test\_split(x, y, test\_size=0.2, random\_state

#DataFlair - Train the model

model=XGBClassifier()

model.fit(x\_train,y\_train)

# DataFlair - Calculate the accuracy

y\_pred=model.predict(x\_test)

print(accuracy\_score(y\_test, y\_pred)\*100)