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import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

dataset=pd.read_csv(r"C:\Users\admin\Downloads\Data (3).csv")

X=dataset.iloc[:, :-1].values

Y=dataset.iloc[:, 3].values

from sklearn.impute import SimpleImputer
imputer=SimpleImputer()

imputer=imputer.fit(X[:, 1:3])
X[:, 1:3]=imputer.transform(X[:, 1:3])

# How to encode categorical data and create a dummy variable

from sklearn.preprocessing import LabelEncoder

labelencoder_X=LabelEncoder()

#labelencoder_X.fit_transform(X[:, 0])

X[:, 0]=labelencoder_X.fit_transform(X[:, 0])

#Splitting the dataset in training set and testing set

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)

# if you remove random_state then your code will not get same Accurate values
```