Write a python program the Categorical values in numeric format for a given dataset.

#import pandas

import pandas as pd

# read csv file

df=pd.read\_csv (r'C:\Users\swati.joshi\Downloads\data1.csv')

df

# using .get\_dummies function to convert

# the categorical datatype to numerical

# and storing the returned dataFrame

# in a new variable df1

df1 = pd.get\_dummies(df['Purchased'])

# using pd.concat to concatenate the dataframes

# df and df1 and storing the concatenated

# dataFrame in df.

df = pd.concat([df, df1], axis=1).reindex(df.index)

# removing the column 'Purchased' from df

# as it is of no use now.

df.drop('Purchased', axis=1, inplace=True)

# printing df

Df

# importing pandas as pd

import pandas as pd

#importing data using .read\_csv() function

df=pd.read\_csv (r'C:\Users\swati.joshi\Downloads\data1.csv')

#printing DataFrame

df

# Importing LabelEncoder from Sklearn

# library from preprocessing Module.

from sklearn.preprocessing import LabelEncoder

# Creating a instance of label Encoder.

le = LabelEncoder()

# Using .fit\_transform function to fit label

# encoder and return encoded label

label = le.fit\_transform(df['Purchased'])

# printing label

Label

# Importing LabelEncoder from Sklearn

# library from preprocessing Module.

from sklearn.preprocessing import LabelEncoder

# Creating a instance of label Encoder.

le = LabelEncoder()

# Using .fit\_transform function to fit label

# encoder and return encoded label

label = le.fit\_transform(df['Purchased'])

# printing label

Label

# removing the column 'Purchased' from df

# as it is of no use now.

df.drop("Purchased", axis=1, inplace=True)

# Appending the array to our dataFrame

# with column name 'Purchased'

df["Purchased"] = label

# printing Dataframe

Df