**Experiment No.: 8**

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**Roll No:28**

**Batch: MCA B**

**Date:17-10-2022**

**Aim**

Naïve Bayes

**Questions**

Naïve Bayes With CSV

**Program and Output**

1. #upload,read,print csv file

import pandas as pd

import io

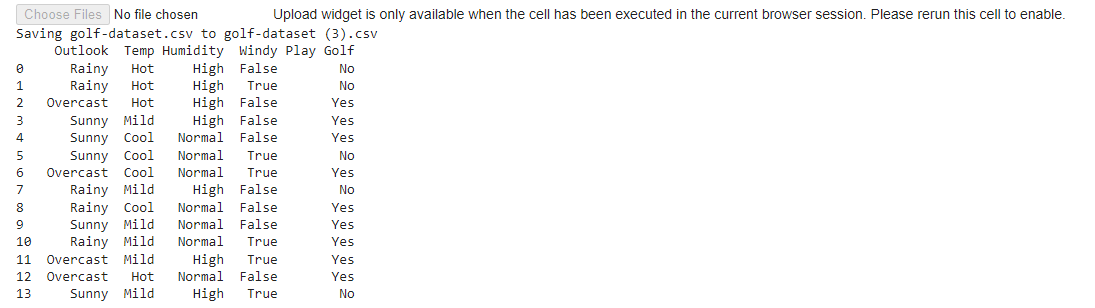
from google.colab import files

uploaded = files.upload()

df1=pd.read\_csv('/content/golf-dataset.csv')

print(df1)

**Output**



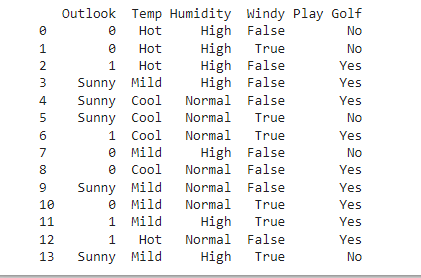
2. #replace attributes in csv

df1['Outlook'].replace(['Rainy'],[0], inplace=True)

df1['Outlook'].replace(['Overcast'],[1], inplace=True)

print(df1)

output



1. import pandas as pd

import io

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

df1.head(10)

X = df1.iloc[:, [0,1,2, 3]].values

y = df1.iloc[:, -1].values

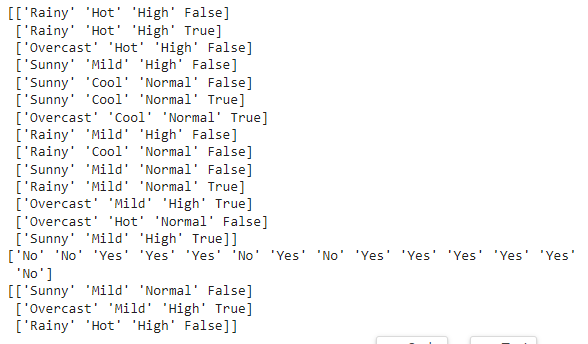
print(X)

print(y)

X\_train, X\_test, y\_train, y\_test = train\_test\_split( X, y, test\_size = 0.2, random\_state=42)

print(X\_test)

**Output**

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