ASSIGNMENT 2 Name: Abhishek Badgujar Class: BE - A Roll no: 49 Problem Statement : Download Pima Indians Diabetes dataset. Use Naive Bayes" Algorithm for classification In [13]: import pandas as pd import numpy as np import seaborn as sns import matplotlib as plt from sklearn.model_selection import train_test_split from sklearn.naive_bayes import MultinomialNB In [2]: df_read = pd.read_csv("diabetes.csv") In [4]: df_read.head() Out[4]: Pregnancies Glucose BloodPressure SkinThickness Insulin BMI DiabetesPedigreeFunction **0** 6 148 72 35 0 33.6 0.627 **1** 1 85 66 29 0 26.6 0.35 **2** 8 183 64 0 0 23.3 0.672 3 1 89 66 23 94 28.1 0.167 **4** 0 137 40 35 168 43.1 2.288 In [6]: print (df_read.dtypes) Pregnancies int64 Glucose int64 BloodPressure int64 SkinThickness int64 Insulin int64 BMI float64 DiabetesPedigreeFunction float64 Age int64 Outcome int64 dtype:

object In
[8]:

```
Pregnancies 0
Glucose 0
BloodPressure 0
SkinThickness 0
Insulin 0
BMI 0
DiabetesPedigreeFunction 0
Age 0 Outcome
0 dtype: int64
```

Load the data from CSV file and split it into training and test datasets.

Summarize the properties in the training dataset so that



Classify samples from a test dataset and a summarized training dataset.

In [18]:



[0]

In []: