Assignment 6: Naive Bayes Clarification.

steps:

- (i) Load the required Libranies.
- (11) Impost the dataset.
- (III) Seperate data and target as X and Y
- (11) Split the dataset into testing and training
- (V) Create / Load the Gammion NBU Model . et.
- (vi) Train the model oner training dataset as (a) Calculate the Class Probability of each class Is h-torin
 - (b) Calculate the Conditional Probability of each attribute or set of Attributes.
- (Vii) Prodict the class ofor X-test as (a) Calculate the Conditional Probability for the Set of attributes of X-test
 - (b) for each class: p=conditional probability (x feed) * probubily (class).
 - (c) Select the maximum prowne class as the class of K-test.
- (Viii) Calculate the Accuracy, Confusion Matrix and classification Report for the model.