1. For dataset “iris”:

* Make a random sample of size 100 from all records (Sample 1). These sample will be used for construction of Bayes classifier.
* The rest of the sample is used for testing the classifier (Sample 2).
* Construct a Bayes classifier using Sample 1.
* Test the classifier on Sample 2.
* Construct confusion matrix and interpret the results.

1. For the same dataset “iris” use a random sample of size 50 to construct the classifier. Then test the results on the rest elements of the dataset. Construct confusion matrix and interpret the results. Compare the results of Items 1 and 2.