## **Experiment-13:**

Naive Bayesian Classifier

```
In [7]: preds = model.predict(X test)
print('Accuracy Score :',accuracy score(preds,y test))
print('Classification Report :\n',classification report(preds,y test))
Classification Report :
             precision
                         recall f1-score
                                          support
                 1.00
                          1.00
                                   1.00
          0
                                              10
          1
                 1.00
                          0.92
                                   0.96
                                              13
          2
                 0.88
                          1.00
                                   0.93
                                              7
                                   0.97
                                              30
   accuracy
                                   0.96
                                              30
   macro avg
                 0.96
                          0.97
weighted avg
                 0.97
                          0.97
                                   0.97
                                              30
```

In [ ]: