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In [18]: from sklearn import datasets
        from sklearn.model_selection import train test split
        from sklearn.naive bayes import GaussianNB
        from sklearn.metrics import confusion matrix
        from sklearn.metrics import classification report
In [4]: wine = datasets.load wine()
        print ("Features: ", wine.feature names)
        print ("Labels: ", wine.target names)
       Features: ['alcohol', 'malic acid', 'ash', 'alcalinity of ash', 'magnesium', 'total phenols',
        'flavanoids', 'nonflavanoid phenols', 'proanthocyanins', 'color intensity', 'hue', 'od280/od315
       of diluted wines', 'proline']
       Labels: ['class 0' 'class 1' 'class 2']
In [5]: print ("Ukuran Data\n", wine.data.shape,"\n")
        print ("Dataset X\n", wine.data[0:5], "\n")
       print ("Data Label\n", wine.target, "\n")
       Ukuran Data
        (178, 13)
        Dataset X
        [[1.423e+01 1.710e+00 2.430e+00 1.560e+01 1.270e+02 2.800e+00 3.060e+00
         2.800e-01 2.290e+00 5.640e+00 1.040e+00 3.920e+00 1.065e+03]
        [1.320e+01 1.780e+00 2.140e+00 1.120e+01 1.000e+02 2.650e+00 2.760e+00
         2.600e-01 1.280e+00 4.380e+00 1.050e+00 3.400e+00 1.050e+03]
        [1.316e+01 2.360e+00 2.670e+00 1.860e+01 1.010e+02 2.800e+00 3.240e+00
         3.000e-01 2.810e+00 5.680e+00 1.030e+00 3.170e+00 1.185e+03]
        [1.437e+01 1.950e+00 2.500e+00 1.680e+01 1.130e+02 3.850e+00 3.490e+00
         2.400e-01 2.180e+00 7.800e+00 8.600e-01 3.450e+00 1.480e+03]
        [1.324e+01 2.590e+00 2.870e+00 2.100e+01 1.180e+02 2.800e+00 2.690e+00
         3.900e-01 1.820e+00 4.320e+00 1.040e+00 2.930e+00 7.350e+02]]
       Data Label
        In [19]: X train, X test, y train, y test = train test split(wine.data, wine.target, test size=0.3, random sta
        te=109)
        gnb = GaussianNB()
        gnb.fit(X train, y train)
        y pred = gnb.predict(X test)
        print ("Confusion Matrix:\n", confusion matrix(y test, y pred), "\n")
        print ("Classification Measure\n", classification report(y test, y pred))
       Confusion Matrix:
        [[20 1 0]
        [ 2 15 2]
        [ 0 0 14]]
       Classification Measure
                    precision recall f1-score support
                 0
                       0.91
                               0.95
                                        0.93
                 1
                       0.94
                               0.79
                                        0.86
                                                  19
                 2
                       0.88
                               1.00
                                        0.93
                                                  14
                                        0.91
          accuracy
                                                  54
          macro avg
                       0.91
                             0.91
                                        0.91
                                                  54
       weighted avg
                      0.91
                               0.91
                                        0.91
                                                  54
```

Tn [].