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In [8]: #Name-Siddharth .V.Barhate      Batch-B1
        #Practice Name-(10A): Write a python program to random multi-label classification
        #data is created by the function make make_multilabel_classification().
        #Date-21-09-2024      Roll No-04
        #-----
        from sklearn.datasets import make_multilabel_classification

        X, y = make_multilabel_classification(n_samples=10,n_features=10, n_classes=3, n_labels=2, ran
        print(X.shape, y.shape)
        for i in range(10):
            print(X[i],y[i])

(10, 10) (10, 3)
[ 3.  3.  6.  7.  8.  2. 11. 11.  1.  3.] [1 1 0]
[ 7.  6.  4.  4.  6.  8.  3.  4.  6.  4.] [0 0 0]
[ 5.  5. 13.  7.  6.  3.  6. 11.  4.  2.] [1 1 0]
[ 1.  1.  5.  5.  7.  3.  4.  6.  4.  4.] [1 1 1]
[ 4.  2.  3. 13.  7.  2.  4. 12.  1.  7.] [0 1 0]
[ 4.  3.  3.  2.  5.  2.  3.  7.  2. 10.] [0 0 0]
[ 3.  3.  3. 11.  6.  3.  4. 14.  1.  3.] [0 1 0]
[ 2.  1.  7.  8.  4.  5. 10.  4.  6.  6.] [1 1 1]
[ 5.  1.  9.  5.  3.  4. 11.  8.  1.  8.] [1 1 1]
[ 2. 11.  7.  6.  2.  2.  9. 11.  9.  3.] [1 1 1]

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In []: