

```
In [6]: from sklearn.datasets import load_iris
iris = load_iris()
print(iris.feature_names)
print(iris.target_names)
print(iris.data[0])
print(iris.target[5])

['sepal length (cm)', 'sepal width (cm)', 'petal length (cm)', 'petal width (cm)']
['setosa' 'versicolor' 'virginica']
[5.1 3.5 1.4 0.2]
0

In [10]: print(iris.target_names)
for i in range(len(iris.target)):
    print("Example %d: label %s, feature %s" %(i,iris.target[i],iris.data[i]))

['setosa' 'versicolor' 'virginica']
Example 0: label 0, feature [5.1 3.5 1.4 0.2]
Example 1: label 0, feature [4.9 3.  1.4 0.2]
Example 2: label 0, feature [4.7 3.2 1.3 0.2]
Example 3: label 0, feature [4.6 3.1 1.5 0.2]
Example 4: label 0, feature [5.  3.6 1.4 0.2]
Example 5: label 0, feature [5.4 3.9 1.7 0.4]
Example 6: label 0, feature [4.6 3.4 1.4 0.3]
Example 7: label 0, feature [5.  3.4 1.5 0.2]
Example 8: label 0, feature [4.4 2.9 1.4 0.2]
Example 9: label 0, feature [4.9 3.1 1.5 0.1]
Example 10: label 0, feature [5.4 3.7 1.5 0.2]
Example 11: label 0, feature [4.8 3.4 1.6 0.2]
Example 12: label 0, feature [4.8 3.  1.4 0.1]
Example 13: label 0, feature [4.3 3.  1.1 0.1]
Example 14: label 0, feature [5.8 4.  1.2 0.2]
Example 15: label 0, feature [5.7 4.4 1.5 0.4]
Example 16: label 0, feature [5.4 3.9 1.3 0.4]
Example 17: label 0, feature [5.1 3.5 1.4 0.3]
Example 18: label 0, feature [5.7 3.8 1.7 0.3]
Example 19: label 0, feature [5.1 3.8 1.5 0.3]
Example 20: label 0, feature [5.4 3.4 1.7 0.2]
Example 21: label 0, feature [5.1 3.7 1.5 0.4]
Example 22: label 0, feature [4.6 3.6 1.  0.2]
Example 23: label 0, feature [5.1 3.3 1.7 0.5]
Example 24: label 0, feature [4.8 3.4 1.9 0.2]
Example 25: label 0, feature [5.  3.  1.6 0.2]
Example 26: label 0, feature [5.  3.4 1.6 0.4]
Example 27: label 0, feature [5.2 3.5 1.5 0.2]
Example 28: label 0, feature [5.2 3.4 1.4 0.2]
Example 29: label 0, feature [4.7 3.2 1.6 0.2]
Example 30: label 0, feature [4.8 3.1 1.6 0.2]
Example 31: label 0, feature [5.4 3.4 1.5 0.4]
Example 32: label 0, feature [5.2 4.1 1.5 0.1]
Example 33: label 0, feature [5.5 4.2 1.4 0.2]
Example 34: label 0, feature [4.9 3.1 1.5 0.1]
Example 35: label 0, feature [5.  3.2 1.2 0.2]
Example 36: label 0, feature [5.5 3.5 1.3 0.2]
Example 37: label 0, feature [4.9 3.1 1.5 0.1]
Example 38: label 0, feature [4.4 3.  1.3 0.2]
Example 39: label 0, feature [5.1 3.4 1.5 0.2]
Example 40: label 0, feature [5.  3.5 1.3 0.3]
Example 41: label 0, feature [4.5 2.3 1.3 0.3]
Example 42: label 0, feature [4.4 3.2 1.3 0.2]
Example 43: label 0, feature [5.  3.5 1.6 0.6]
Example 44: label 0, feature [5.1 3.8 1.9 0.4]
Example 45: label 0, feature [4.8 3.  1.4 0.3]
Example 46: label 0, feature [5.1 3.8 1.6 0.2]
Example 47: label 0, feature [4.6 3.2 1.4 0.2]
Example 48: label 0, feature [5.3 3.7 1.5 0.2]
Example 49: label 0, feature [5.  3.3 1.4 0.2]
Example 50: label 1, feature [7.  3.2 4.7 1.4]
Example 51: label 1, feature [6.4 3.2 4.5 1.5]
Example 52: label 1, feature [6.9 3.1 4.9 1.5]
Example 53: label 1, feature [5.5 2.3 4.  1.3]
Example 54: label 1, feature [6.5 2.8 4.6 1.5]
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Example 58: label 1, feature [6.6 2.9 4.6 1.3]
Example 59: label 1, feature [5.2 2.7 3.9 1.4]
Example 60: label 1, feature [5.  2.  3.5 1. ]
Example 61: label 1, feature [5.9 3.  4.2 1.5]
Example 62: label 1, feature [6.  2.2 4.  1. ]
Example 63: label 1, feature [6.1 2.9 4.7 1.4]
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Example 69: label 1, feature [5.6 2.5 3.9 1.1]
Example 70: label 1, feature [5.9 3.2 4.8 1.8]
Example 71: label 1, feature [6.1 2.8 4.  1.3]
Example 72: label 1, feature [6.3 2.5 4.9 1.5]
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