from sklearn import datasets

import matplotlib.pyplot as plt

iris\_df = datasets.load\_iris()

print("Methods:\n",dir(iris\_df))

OUTPUT:

Methods:

['DESCR', 'data', 'data\_module', 'feature\_names', 'filename', 'frame', 'target', 'target\_names']

print("\nFeatures:\n", iris\_df.feature\_names)

OUTPUT:

Features:

['sepal length (cm)', 'sepal width (cm)', 'petal length (cm)', 'petal width (cm)']

print("\nTargets:\n",iris\_df.target)

OUTPUT:

Targets:

[0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

2 2]

print("\nTarget names:\n", iris\_df.target\_names)

label = {0: 'red', 1: 'blue', 2: 'green'}

OUTPUT:

Target names:

['setosa' 'versicolor' 'virginica']