Name: Vaibhav Kute {2019BTECS00067}

Under Guidance: Dr.BFM

Upload dataset here

Drag and drop file here
Limit 200MB per file • CSV

Browse files

iris.csv 3.9KB

Dataset loaded Table

	sepal.length	sepal.width	petal.length	petal.width	variety
0	5.1000	3.5000	1.4000	0.2000	Setosa
1	4.9000	3.0000	1.4000	0.2000	Setosa
2	4.7000	3.2000	1.3000	0.2000	Setosa
3	4.6000	3.1000	1.5000	0.2000	Setosa
4	5.0000	3.6000	1.4000	0.2000	Setosa
5	5.4000	3.9000	1.7000	0.4000	Setosa
6	4.6000	3.4000	1.4000	0.3000	Setosa
7	5.0000	3.4000	1.5000	0.2000	Setosa
8	4.4000	2.9000	1.4000	0.2000	Setosa
9	4.9000	3.1000	1.5000	0.1000	Setosa
10	5.4000	3.7000	1.5000	0.2000	Setosa
11	4.8000	3.4000	1.6000	0.2000	Setosa
12	4.8000	3.0000	1.4000	0.1000	Setosa

Select Assignment

○ Assignment No.1

○ Assignment No.2

○ Assignment No.3 and 4

○ Assignment No.5

● Assignment No. 6

○ Assignment No. 7

Assignment 6

Operation

DBSCAN	▼

Select Attribute 1

sepal.length   ▼

Select Attribute 2

sepal.length   ▼

Insert value for eps

0.09   −   +

Insert mimimum number of points in cluster

7   −   +

```
▼ {
    ▼ "1" : [
        0 : 33
        1 : 36
        2 : 53
        3 : 80
        4 : 81
        5 : 89
        6 : 90
      ]
    ▼ "2" : [
```

        0 : 56
        1 : 72
        2 : 87
        3 : 100
        4 : 103
        5 : 123
        6 : 133
        7 : 136
        8 : 146
    ]
    ▼ "3" : [
        0 : 0
        1 : 17
        2 : 19
        3 : 21
        4 : 23
        5 : 39
        6 : 44
        7 : 46
        8 : 98
    ]
    ▼ "4" : [
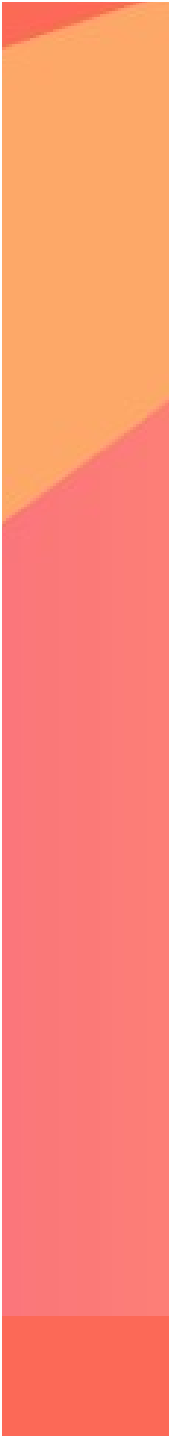   0 : 15
        1 : 18

```
      2 : 55
      3 : 79
      4 : 95
      5 : 96
      6 : 99
      7 : 113
  ]
▼ "5" : [
      0 : 51
      1 : 74
      2 : 111
      3 : 115
      4 : 128
      5 : 132
      6 : 137
  ]
▼ "6" : [
      0 : 65
      1 : 77
      2 : 86
      3 : 108
      4 : 124
      5 : 140
      6 : 144
```
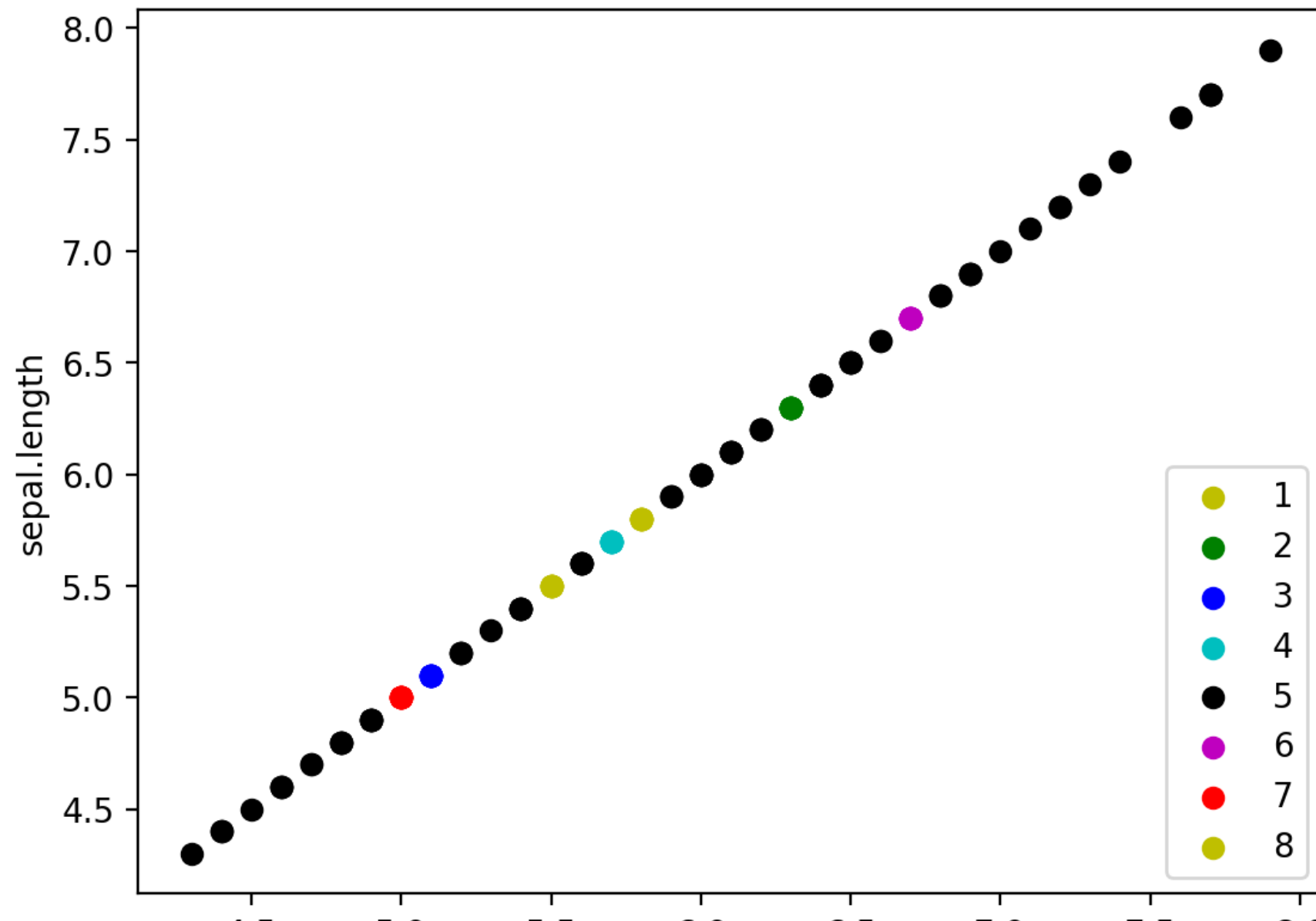
```
        7 : 145
    ]
  ▼ "7" : [
        0 : 4
        1 : 7
        2 : 25
        3 : 26
        4 : 35
        5 : 40
        6 : 43
        7 : 49
        8 : 60
        9 : 93
    ]
  ▼ "8" : [
        0 : 14
        1 : 67
        2 : 82
        3 : 92
        4 : 101
        5 : 114
        6 : 142
    ]
}
```

Plot of cluster's after DBSCAN

sepal.length

Made with Streamlit