

Data Mining



Under Guidance: Dr.BFM

Upload dataset here



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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	4.5000	3.0000	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

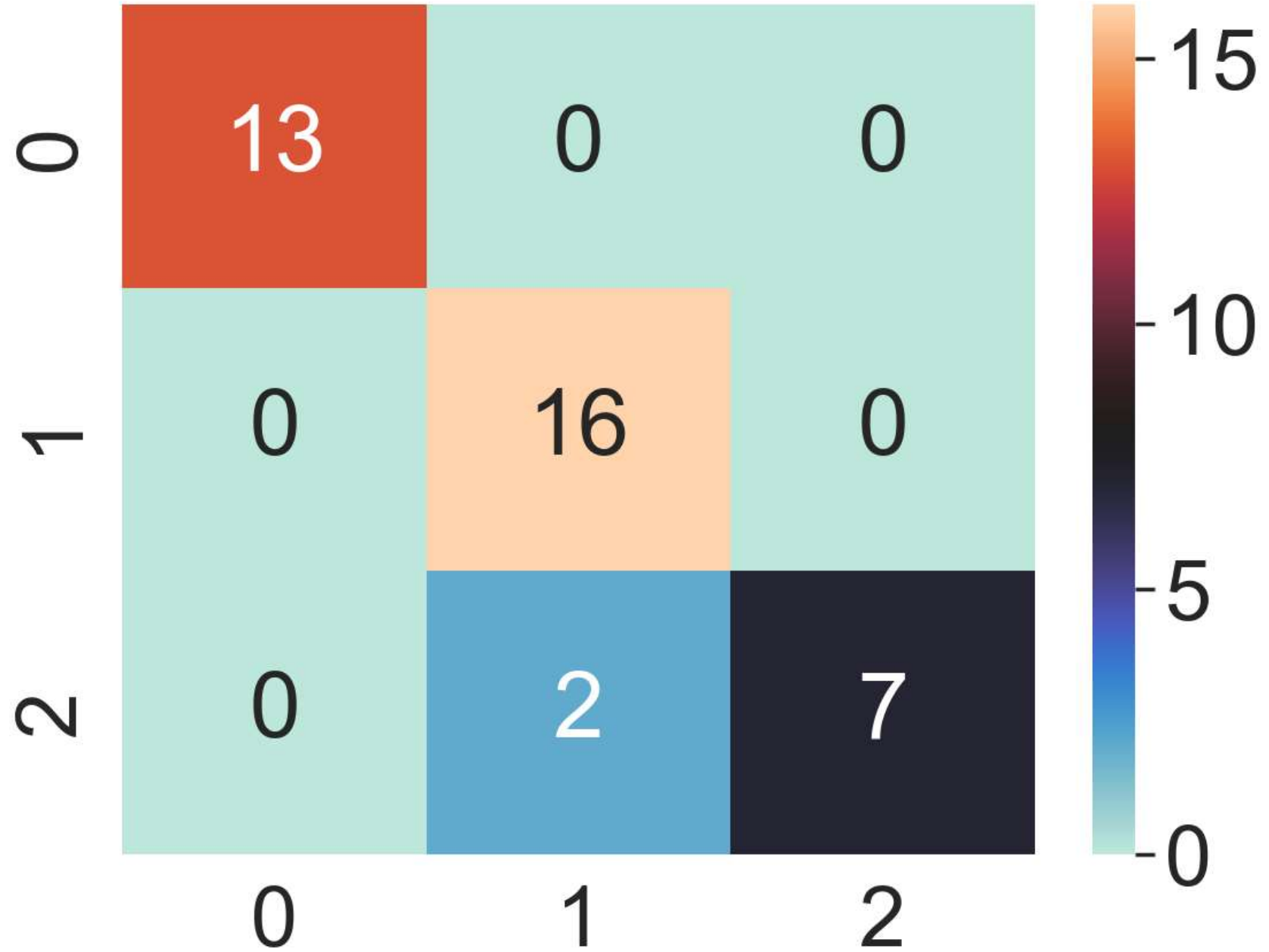
Assignment 5

Operation

k-NN classifier

Select k value

5

Classify

Accuracy :0.965

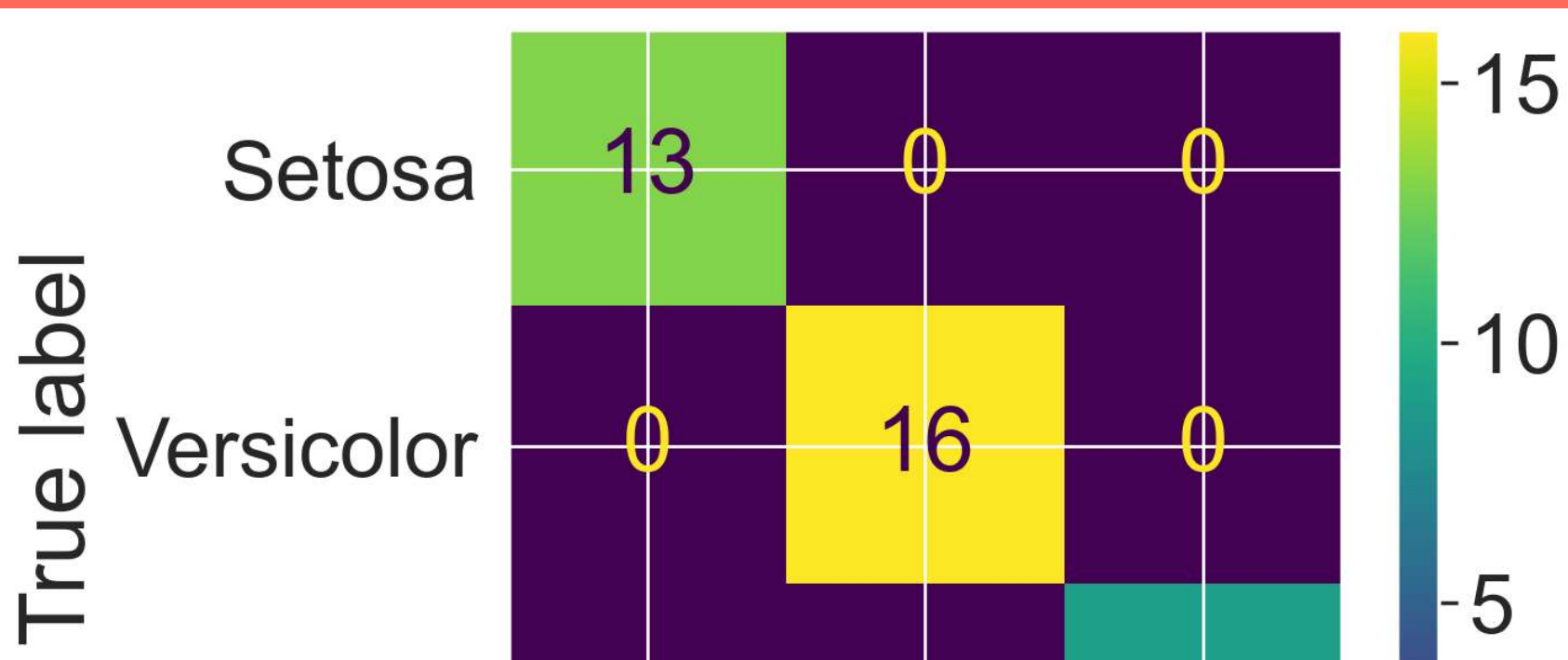
Misclassification : 0.035000000000000003

Precision : 0.947

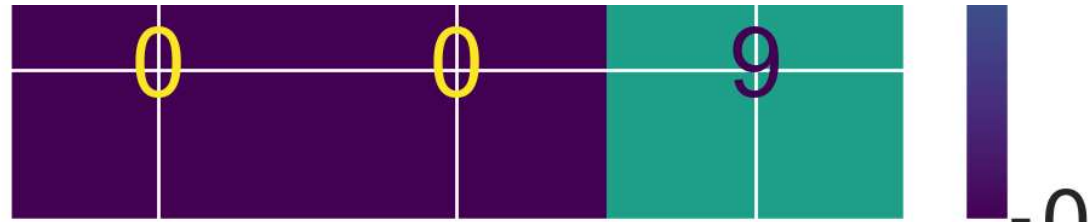
Recall : 0.947

Specificity : 0.974

Using Standard function



Virginica



Setosa Versicolour Virginica
Predicted label

Accuracy by standard function: 1.0

Misclassification Rate by standard function: 0.0

Precision by standard function: 1.0

Recall by standard function: 1.0

Specificity by standard function: 1.0