B511086 백성진 테스트 결과

6.2 테스트 결과

6.2.1 Majority Vote 방식으로 분류

6.2.1.1 K = 3 인 경우(정확도: 90%)

```
k: 3 Test started..
Majority Vote.
Test Data: 0 Computed class:
                                setosa,
                                              True class:
                                                          setosa
Test Data: 1 Computed class:
                                setosa.
                                              True class:
                                                          setosa
Test Data:
           2 Computed class:
                                setosa.
                                              True class:
                                                          setosa
Test Data: 3 Computed class:
                                              True class:
                                versicolor,
                                                          versicolor
Test Data: 4 Computed class: versicolor,
                                              True class:
                                                          versicolor
Test Data: 5 Computed class: versicolor,
                                              True class:
                                                          versicolor
Test Data: 6 Computed class:
                                              True class:
                                                          virginica
                                virginica,
Test Data: 7 Computed class:
                                versicolor,
                                              True class:
                                                          virginica
Test Data: 8 Computed class:
                                virginica,
                                              True class:
                                                          virginica
Test Data: 9
              Computed class:
                                virginica,
                                              True class:
                                                          virginica
              k: 3 Test finised..
Majority Vote,
```

6.2.1.2 K = 5 인 경우(정확도 : 90%)

```
Majority Vote,
              k: 5 Test started..
Test Data: 0 Computed class:
                                              True class:
                                setosa.
                                                          setosa
Test Data: 1 Computed class:
                                              True class:
                                setosa,
                                                          setosa
Test Data: 2 Computed class:
                                              True class:
                                setosa,
                                                          setosa
Test Data: 3 Computed class: versicolor,
                                              True class:
                                                          versicolor
Test Data: 4 Computed class:
                                              True class:
                               versicolor,
                                                          versicolor
Test Data: 5 Computed class: versicolor,
                                              True class:
                                                          versicolor
Test Data: 6 Computed class:
                                virginica,
                                              True class:
                                                          virginica
Test Data: 7 Computed class:
                                versicolor,
                                              True class:
                                                          virginica
Test Data: 8 Computed class:
                                virginica,
                                              True class:
                                                          virginica
Test Data: 9 Computed class:
                                              True class:
                                virginica,
                                                          virginica
Majority Vote, k: 5 Test finised..
```

6.2.1.3 K = 10 인 경우(정확도 : 100%)

```
Majority Vote, k: 10 Test started..

Test Data: 0 Computed class: setosa, True class: setosa

Test Data: 1 Computed class: setosa, True class: setosa

Test Data: 2 Computed class: setosa, True class: setosa
```

```
Test Data:
              Computed class:
                                versicolor.
                                              True class:
                                                           versicolor
Test Data:
           4 Computed class:
                                versicolor,
                                              True class:
                                                           versicolor
Test Data: 5 Computed class:
                                versicolor,
                                              True class:
                                                           versicolor
Test Data: 6 Computed class:
                                virginica,
                                              True class:
                                                           virginica
Test Data: 7 Computed class:
                                              True class:
                                                           virginica
                                virginica,
Test Data: 8
                                              True class:
             Computed class:
                                virginica,
                                                           virginica
                                              True class:
Test Data: 9
              Computed class:
                                virginica,
                                                           virginica
Majority Vote, k: 10 Test finised...
```

6.2.2 Weighted Majority Vote 방식으로 분류

6.2.2.1 K = 3 인 경우(정확도 : 90%)

```
Weighted Majority Vote, k: 3
                                Test started..
Test Data: 0 Computed class:
                                              True class:
                                setosa,
                                                           setosa
Test Data: 1 Computed class:
                                setosa,
                                              True class:
                                                           setosa
Test Data:
           2 Computed class:
                                setosa.
                                              True class:
                                                           setosa
Test Data: 3 Computed class:
                                              True class:
                                versicolor,
                                                          versicolor
Test Data: 4 Computed class:
                                versicolor,
                                              True class:
                                                          versicolor
Test Data: 5 Computed class:
                                versicolor,
                                              True class:
                                                          versicolor
Test Data: 6 Computed class:
                                virginica,
                                              True class:
                                                           virginica
Test Data: 7 Computed class:
                                              True class:
                                                           virginica
                                versicolor,
Test Data: 8 Computed class:
                                              True class:
                                virginica,
                                                           virginica
Test Data:
           9 Computed class:
                                              True class:
                                virginica,
                                                          virginica
Weighted Majority Vote, k: 3
                                Test finished..
```

6.2.2.2 K = 5 인 경우(정확도 : 90%)

```
Weighted Majority Vote, k: 5
                                Test started...
Test Data: 0
              Computed class:
                                              True class:
                                setosa.
                                                           setosa
Test Data: 1 Computed class:
                                setosa,
                                              True class:
                                                           setosa
Test Data:
           2 Computed class:
                                              True class:
                                setosa,
                                                           setosa
Test Data: 3 Computed class:
                                              True class:
                                versicolor.
                                                           versicolor
Test Data: 4 Computed class:
                                versicolor,
                                              True class:
                                                           versicolor
Test Data: 5 Computed class:
                                versicolor,
                                              True class:
                                                           versicolor
Test Data: 6 Computed class:
                                virginica,
                                              True class:
                                                           virginica
Test Data: 7 Computed class:
                                versicolor,
                                              True class:
                                                           virginica
Test Data: 8 Computed class:
                                virginica,
                                              True class:
                                                           virginica
Test Data: 9 Computed class:
                                              True class:
                                virginica,
                                                           virginica
Weighted Majority Vote, k: 5
                                Test finished..
```

6.2.2.3 K = 10 인 경우(정확도: 100%)

```
Weighted Majority Vote, k: 10 Test started..
                                              True class:
Test Data: 0 Computed class:
                               setosa,
                                                          setosa
Test Data: 1 Computed class:
                                setosa,
                                              True class:
                                                          setosa
Test Data:
           2 Computed class:
                                              True class:
                                setosa,
                                                          setosa
Test Data: 3 Computed class:
                                              True class:
                                versicolor,
                                                          versicolor
Test Data: 4 Computed class:
                                versicolor,
                                              True class:
                                                          versicolor
Test Data: 5 Computed class:
                                              True class:
                               versicolor,
                                                          versicolor
Test Data: 6 Computed class:
                                             True class:
                                virginica,
                                                          virginica
Test Data: 7 Computed class:
                                             True class:
                                virginica,
                                                          virginica
Test Data: 8 Computed class:
                                virginica,
                                              True class:
                                                          virginica
Test Data: 9 Computed class:
                                virginica,
                                             True class:
                                                          virginica
Weighted Majority Vote, k: 10 Test finished..
```