Accuracy Matrix gotten by Weka

1)Bagging:

depth 3, bags 5

Test:

=== Confusion Matrix ===

a b <-- classified as

2093 0 | a = 0

28 4 | b = 1

Results from Bagging

The execution of the following file takes 20 minutes to run as the dataset is huge.

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |

---

depth 3, bags 10

Test:

=== Confusion Matrix ===

a b <-- classified as

2093 0 | a = 0

24 8 | b = 1

Results from Bagging

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |

---

depth 5, bags 5

Test:

=== Confusion Matrix ===

   a   b   <-- classified as

 2093   0 | a = 0

   0   32 | b = 1

Results from Bagging

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |

---

depth 5, bags 10

Test:

=== Confusion Matrix ===

```
   a    b   <-- classified as
 2093    0 |    a = 0
   0   32 |    b = 1
```

Results from Bagging

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

```
------
|  0 | 99 |
------
|  0 | 6276 |
```

------**Boosting:**

depth 1, bags 5

Test:

=== Confusion Matrix ===

```
   a    b   <-- classified as
 2093    0 |    a = 0
   32    0 |    b = 1
```

depth 1, bags 10

Test:

=== Confusion Matrix ===

```
   a    b   <-- classified as
```

2093 0 | a = 0

0 32 | b = 1

depth 2, bags 5

Test:

=== Confusion Matrix ===

a b <-- classified as

2093 0 | a = 0

0 32 | b = 1

depth 2, bags 10

Test:

=== Confusion Matrix ===

a b <-- classified as

2093 0 | a = 0

0 32 | b = 1

Results from Bagging

The execution of the following file takes 20 minutes to run as the dataset is huge.

Please enter the depth:3

Please enter number of bags:5

Enter the test file name: test1.csv

Accuracy:: 98.45%

False Negatives 33

False positives 0

True Negatives 2092

True Positives 0

Confusion Matrix for bagging

| 0 | 33 |

| 0 | 2092 |

Accuracy:: 98.45%

False Negatives 66

False positives 0

True Negatives 4184

True Positives 0

Confusion Matrix for bagging

| 0 | 66 |

| 0 | 4184 |

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |

Accuracy:: 98.45%

False Negatives 33

False positives 0

True Negatives 2092

True Positives 0

Confusion Matrix for bagging

| 0 | 33 |

| 0 | 2092 |

Accuracy:: 98.45%

False Negatives 66

False positives 0

True Negatives 4184

True Positives 0

Confusion Matrix for bagging

| 0 | 66 |

| 0 | 4184 |

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |

Accuracy:: 98.45%

False Negatives 33

False positives 0

True Negatives 2092

True Positives 0

Confusion Matrix for bagging

| 0 | 33 |

| 0 | 2092 |

Accuracy:: 98.45%

False Negatives 66

False positives 0

True Negatives 4184

True Positives 0

Confusion Matrix for bagging

| 0 | 66 |

| 0 | 4184 |

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |

Accuracy:: 98.45%

False Negatives 33

False positives 0

True Negatives 2092

True Positives 0

Confusion Matrix for bagging

| 0 | 33 |

| 0 | 2092 |

Accuracy:: 98.45%

False Negatives 66

False positives 0

True Negatives 4184

True Positives 0

Confusion Matrix for bagging

| 0 | 66 |

| 0 | 4184 |

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |

Accuracy:: 98.45%

False Negatives 33

False positives 0

True Negatives 2092

True Positives 0

Confusion Matrix for bagging

| 0 | 33 |

| 0 | 2092 |

Accuracy:: 98.45%

False Negatives 66

False positives 0

True Negatives 4184

True Positives 0

Confusion Matrix for bagging

| 0 | 66 |

| 0 | 4184 |

Accuracy:: 98.45%

False Negatives 99

False positives 0

True Negatives 6276

True Positives 0

Confusion Matrix for bagging

| 0 | 99 |

| 0 | 6276 |
