

File - evaluate

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1 C:\Users\Jorawar\.virtualenvs\CMPT459\Scripts\python.exe C:/Users/Jorawar/Desktop/projects/CMPT459/covid-data-mining/src
  /cross_validate.py C:\Users\Jorawar\Desktop\projects\CMPT459\covid-data-mining\data\Merged_Data_Sets.csv
2 adaboost_classifier
3 AdaBoostClassifier(base_estimator=DecisionTreeClassifier(max_depth=4),
4                     learning_rate=0.5)
5 Loading adaboost_classifier ...
6 Scores for adaboost_classifier ...
7 - Training accuracy: 0.980025419760519
8 - Test accuracy: 0.9804456717184691
9
10 Creating classification report
11 - Training report
12           precision    recall  f1-score   support
13
14    deceased           0.56       0.88       0.69       4503
15    hospitalized       1.00       1.00       1.00      148178
16    nonhospitalized     0.99       0.97       0.98      147520
17    recovered          0.96       0.97       0.97      73524
18
19    accuracy           0.98       0.98       0.98      373725
20    macro avg          0.88       0.95       0.91      373725
21    weighted avg       0.98       0.98       0.98      373725
22
23 - Testing report
24           precision    recall  f1-score   support
25
26    deceased           0.57       0.86       0.68       1447
27    hospitalized       1.00       1.00       1.00      49419
28    nonhospitalized     0.99       0.97       0.98      49171
29    recovered          0.96       0.97       0.97      24539
30
31    accuracy           0.98       0.98       0.98     124576
32    macro avg          0.88       0.95       0.91     124576
33    weighted avg       0.98       0.98       0.98     124576
34
35 Generating Confusion Matrix ...
36
37 Process finished with exit code 0
38

```