Data Set name: rst.data

Dataset URL: <https://archive.ics.uci.edu/ml/datasets/Car+Evaluation>

Results:

| Number of instance | Total number of attribute s | Number of attributes used (in case of dimensionalit y reduction) | Classification Method e.g. Logistic Regression | Parameters | Train/Test Ratio | Test Accuracy/ Error | Other metric |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1728 | 6 | 6 | Decision Tree | buying, maint doors persons lug\_boot safety | 80/20 | Test Error = 0.10495626822157433  accuracy = 0.8950437317784257 | FPR(0.0) = 0.14018691588785046  FPR(1.0) = 0.08015267175572519  FPR(2.0) = 0.0  FPR(3.0) = 0.027439024390243903  F1-Score(0.0) = 0.9473684210526315  F1-Score(1.0) = 0.7530864197530863  F1-Score(2.0) = 0.0  F1-Score(3.0) = 0.6470588235294117 |
| 1782 | 6 | 4 | Decision Tree | buying, maint doors persons | 80/20 | Test Error = 0.3014084507042254  accuracy = 0.6985915492957746 |  |
| 1782 | 6 | 6 | RandomTree | buying, maint doors persons lug\_boot safety | 80/20 | accuracy: Double = 0.9127906976744186  Test Error = 0.08720930232558144 | FPR(0.0) = 0.10135135135135136  FPR(1.0) = 0.11139896373056994  FPR(2.0) = 0.008403361344537815  FPR(3.0) = 0.0  F1-Score(0.0) = 0.9626436781609196  F1-Score(1.0) = 0.7520661157024793  F1-Score(2.0) = 0.24  F1-Score(3.0) = 0.24000000000000002 |
| 1782 | 6 | 4 | RandomTree | buying, maint doors persons | 80/20 | Test Error = 0.3112391930835735  accuracy = 0.6887608069164265 |  |
|  |  |  |  |  |  |  |  |

Note Address:

https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/3301966561347255/3041120346280646/4122361537118402/latest.html