Laporan Tubes 1 Pembelajaran Mesin

1. Source Code

myID3

myC45

main

2. Perbandingan hasil ID3 & J48 weka

ID3 vs myID3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Option | Classifier | Weather Nominal | Weather Numeric | Iris |
| Full Training | ID3 | 100% | 100% | 99.33% |
|  | myID3 |  |  |  |
| 10-folds CV | ID3 | 100% | 42.85% | 92% |
|  | myID3 |  |  |  |
| Percentage Split | ID3 | 100% | 66.67% | 80% |
|  | myID3 |  |  |  |

J48 vs myC45

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Option | Classifier | Weather Nominal | Weather Numeric | Iris |
| Full Training | J48 | 71,43% | 85,71% | 96% |
|  | myC45 |  |  |  |
| 10-folds CV | J48 | 50% | 42.86% | 94% |
|  | myC45 |  |  |  |
| Percentage Split | ID3 | 66,67% | 66.67% | 73,33% |
|  | myC45 |  |  |  |

4. Pembagian Tugas

|  |  |
| --- | --- |
| Nama/NIM | Tugas |
| Davin Prasetya – 13514003 | Pembuatan myID3 |
| Nathan J. Runtuwene – 13514083 | Pembuatan |
| Christian Anthony S. – 13514085 | Pembuatan myC45 |