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NIM : L200170096

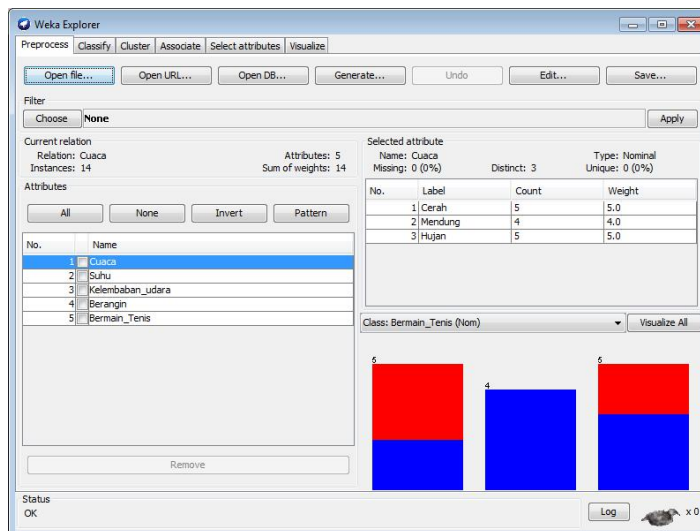
Kelas : D

Modul : 9

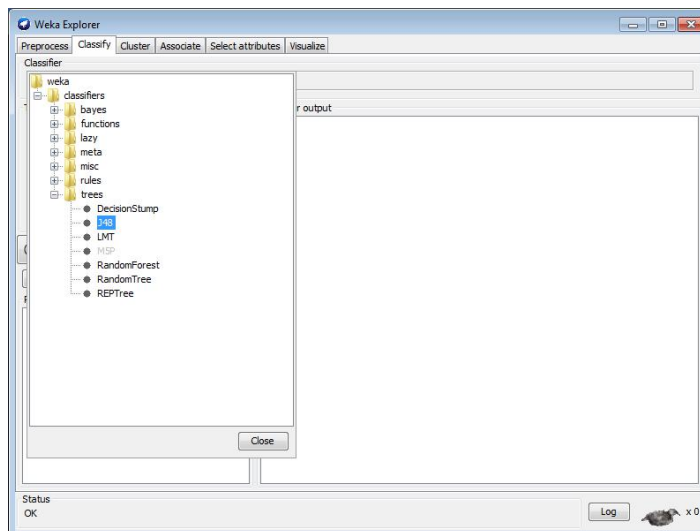
KEGIATAN

Menggunakan WEKA

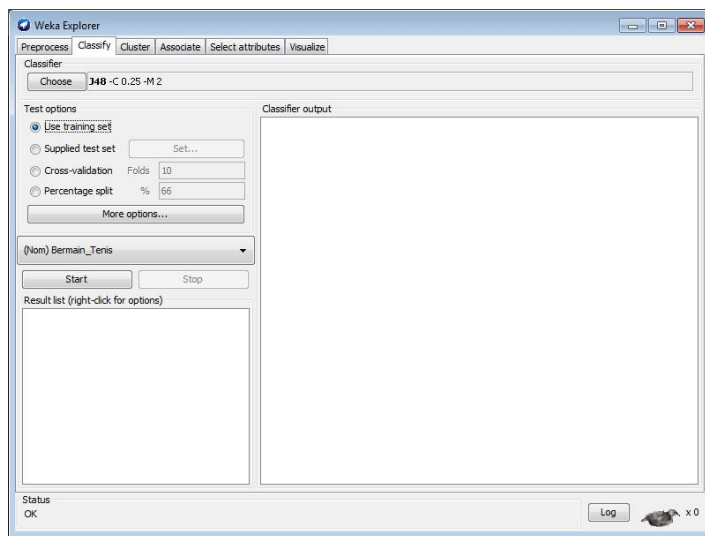
1. Membuka file Cuaca.arff dengan WEKA



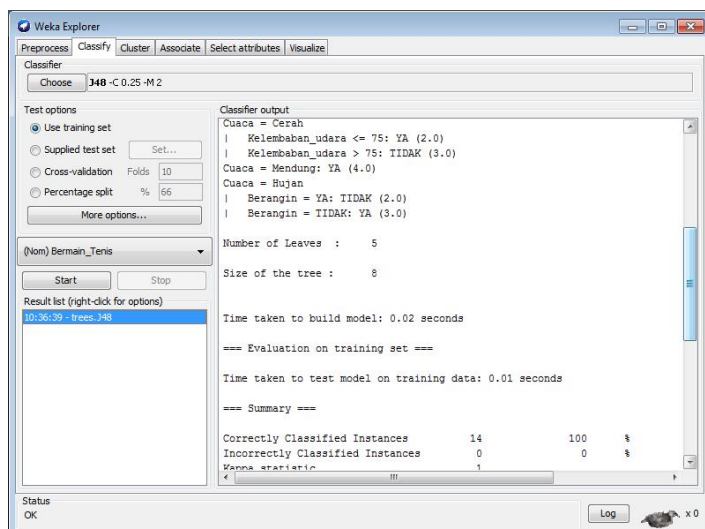
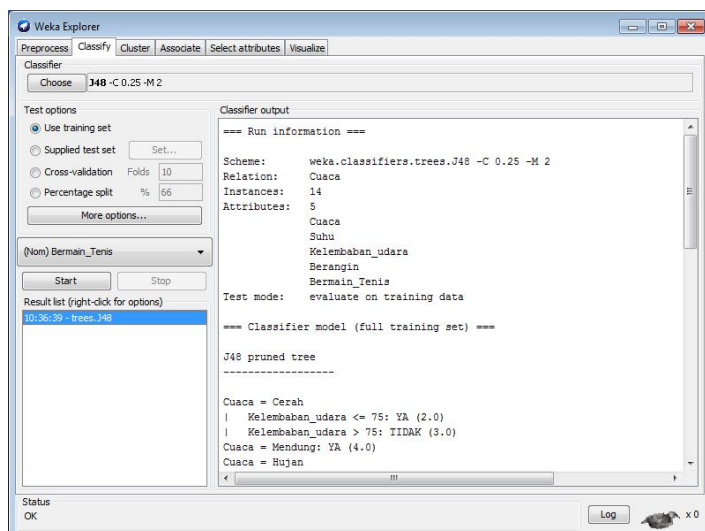
2. Membuka tab Classify dan tekan tombol choose-trees-j48

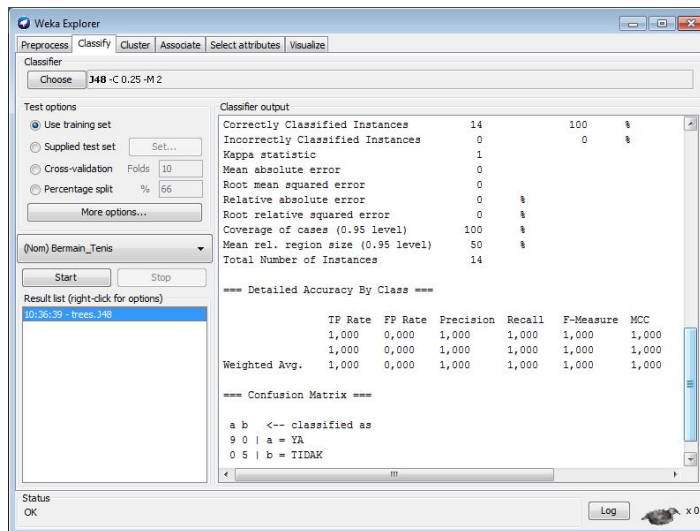


3. Pada pilihan Test Options, pilih Use training set. Kemudian klik start.

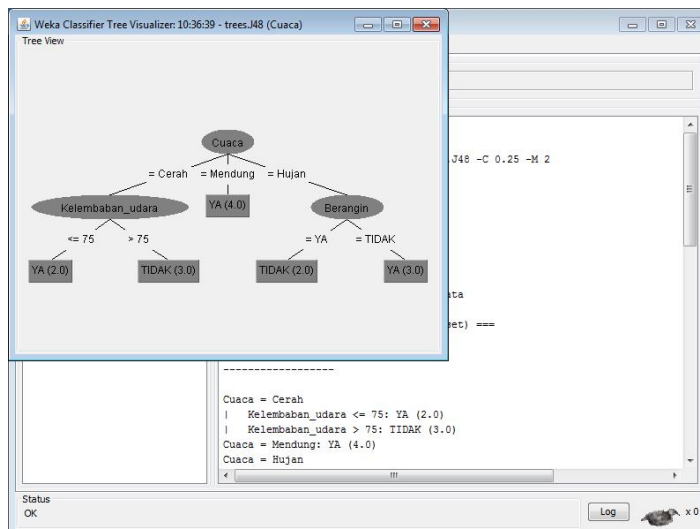


4. Hasil perhitungan klasifikasi menggunakan algoritma j48.



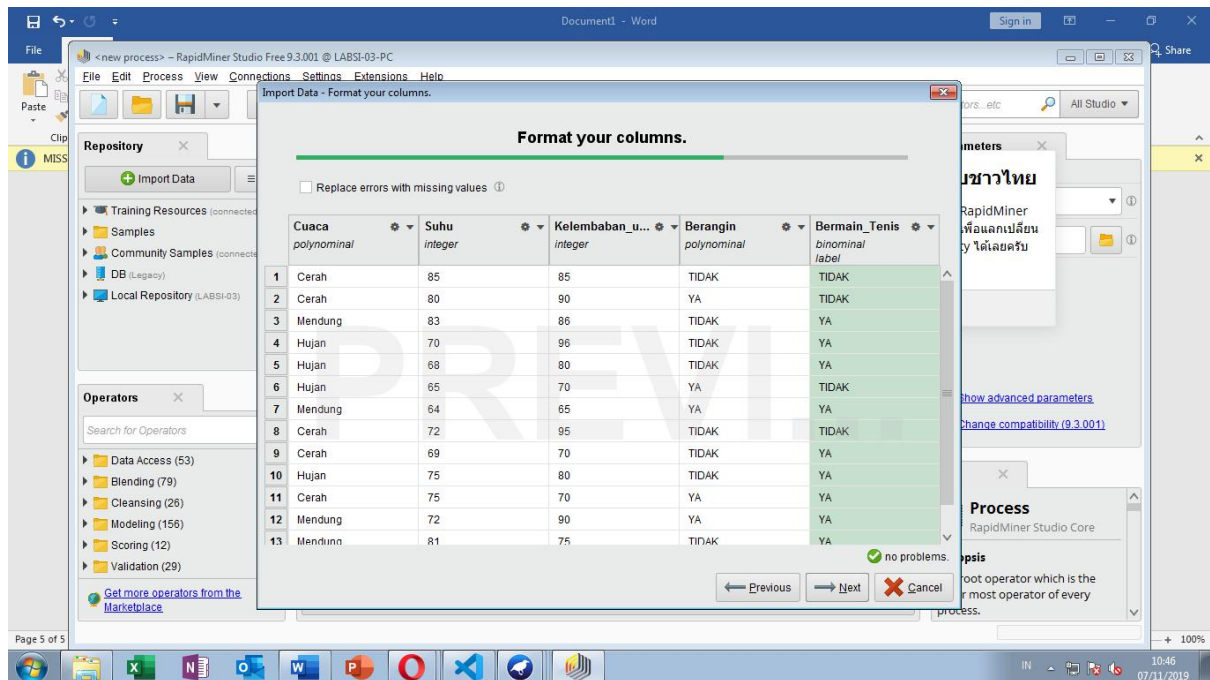


5. Hasil klasifikasi pohon keputusan.

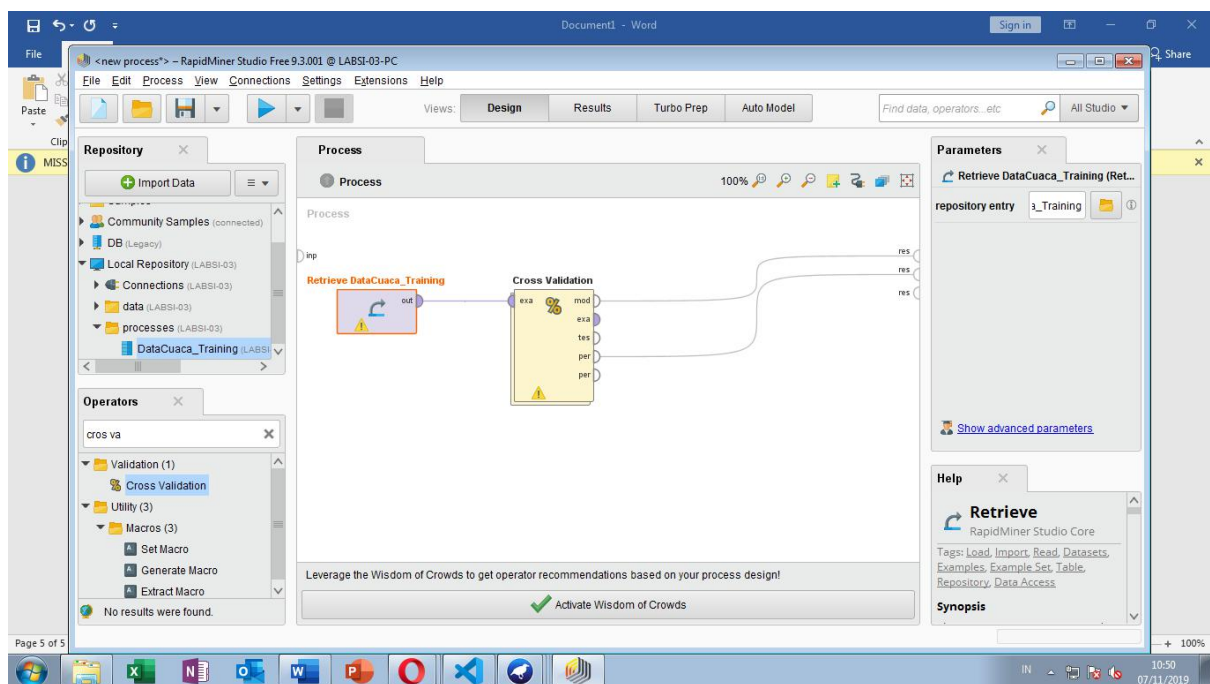


Menggunakan Rapidminer

1. DataCuaca_Training



2. Process View



3. Process Validation

The screenshot displays the RapidMiner Studio interface with the 'Process' tab selected. The workflow is titled 'Cross Validation' and includes the following steps: Training (Decision Tree), Testing (Apply Model), and Performance. The 'Parameters' panel on the right shows the configuration for the 'Decision Tree' operator:

- Criterion: information...
- Maximal depth: 10
- Apply pruning: ☒
- Confidence: 0.1
- Apply prepruning: ☒
- Minimal gain: 0.01

A tooltip for the 'Confidence' parameter states: 'The confidence level used for the pessimistic error calculation of pruning. (real, 1.0E-7 - 0.5)'. The 'Help' panel on the right provides additional information about the 'Decision Tree' operator, including its concurrency and tags.

4. Hasil proses klasifikasi pohon keputusan.

a) PerformanceVector

The screenshot displays the 'Results' tab in RapidMiner Studio, showing the 'PerformanceVector (Performance)' operator. The results are presented in a table view, showing the accuracy of the decision tree model. The overall accuracy is 60.00% with a micro average of 64.29%.

	true TIDAK	true YA	class precision
pred. TIDAK	2	2	50.00%
pred. YA	3	7	70.00%
class recall	40.00%	77.78%	

b) Tree (Decision Tree)

