

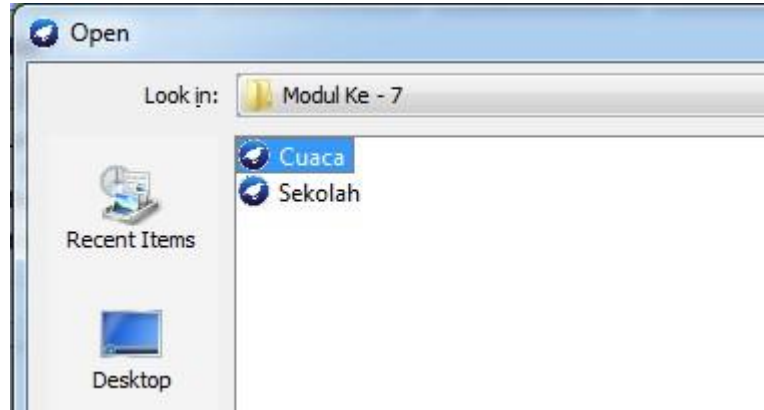
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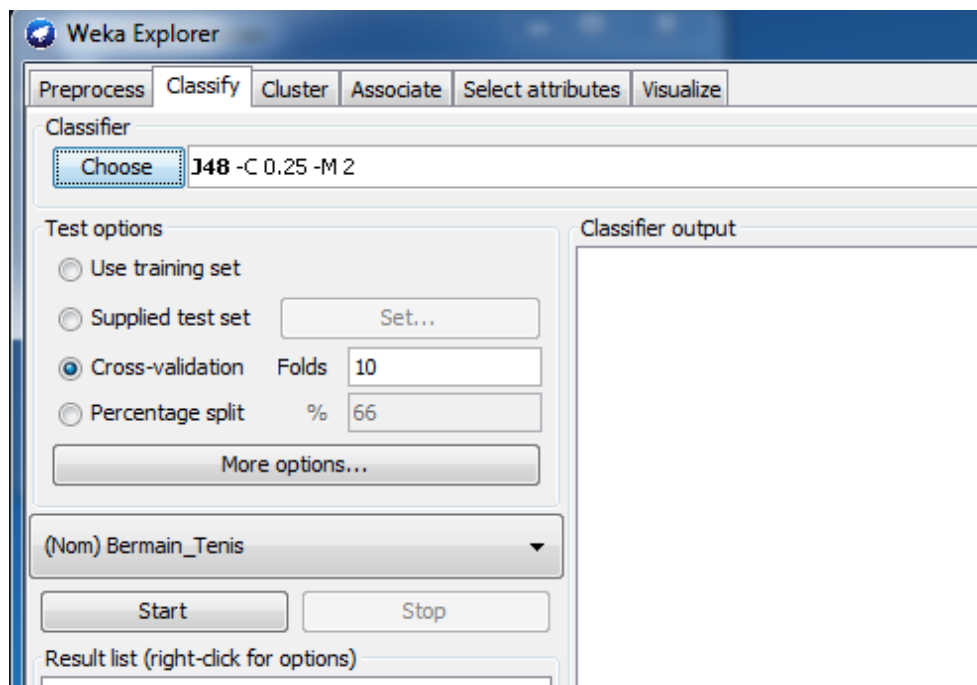
Modul 9

LATIHAN

1. Buka file cuaca.arff di weka



2. Gunakan algoritma keputusan J48 dan pastikan pilih **Use training set**



3. Hasil ketika di klik tombol start

The screenshot shows the Weka Classifier window with the J48 classifier selected. The test options are set to 'Use training set'. The classifier output is displayed in the right pane, showing various performance metrics and a confusion matrix.

Classifier output

Metric	Value
Kappa statistic	1
Mean absolute error	0
Root mean squared error	0
Relative absolute error	0 %
Root relative squared error	0 %
Coverage of cases (0.95 level)	100 %
Mean rel. region size (0.95 level)	50 %
Total Number of Instances	14

=== Detailed Accuracy By Class ===

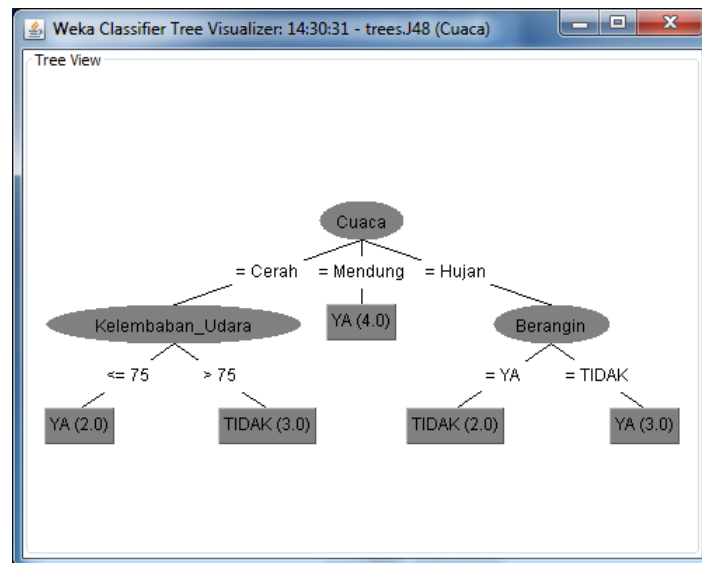
	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC
1.000	1.000	0.000	1.000	1.000	1.000	1.000
1.000	0.000	1.000	1.000	1.000	1.000	1.000
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000

=== Confusion Matrix ===

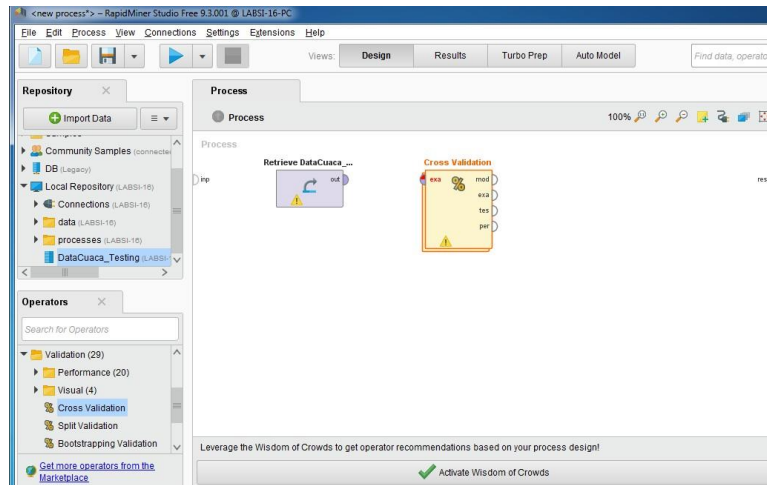
a b <-- classified as

	a = YA	b = TIDAK
9 0		
0 5		

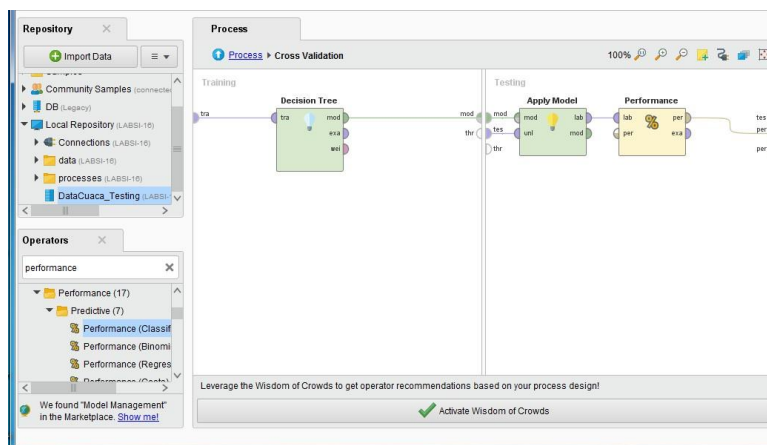
4. Hasil visualisasi daripohon



5. Sekarang buka di aplikasi Rapidminer, buka file Data cuaca training dan drag file tersebut dan Drag operator Cross Validation ke dalam view.



6. Double click pada cross validation. Masukkan operator Decision Tree pada area Training dan masukkan Apply Model dan performance ke area Testing.



7. Kembali dengan menekan tombol process yang ada di kiri atas, kemudian **RUN**

Tree (Decision Tree) ExampleSet (/Local Repository/DataCuaca_Testing) PerformanceVector (Performance)

Result History

Criterion: accuracy

Performance

Table View Plot View

accuracy: 60.00% +/- 45.95% (micro average: 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%	

8. Tampilan decision tree

