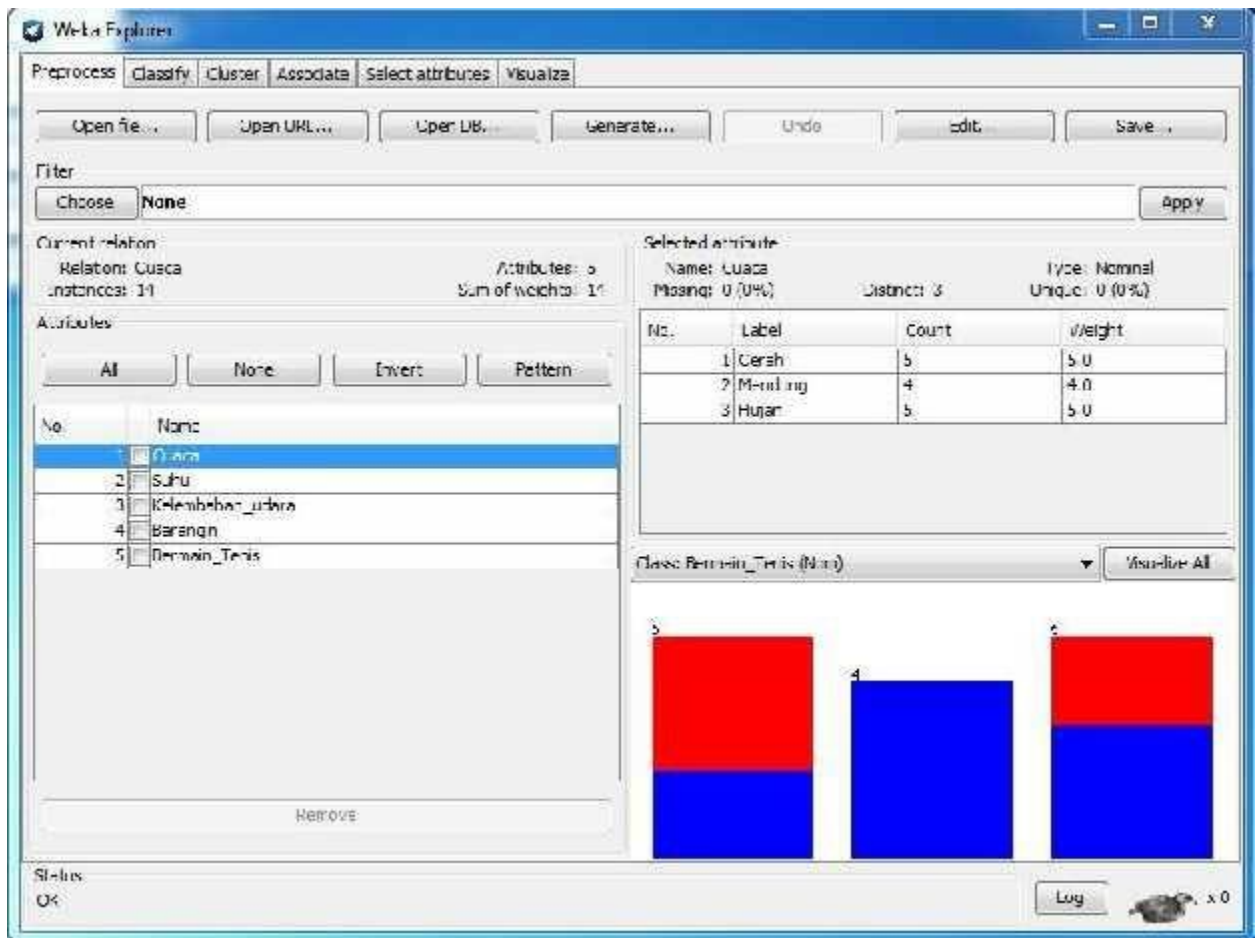


Nama : Rossanti K.

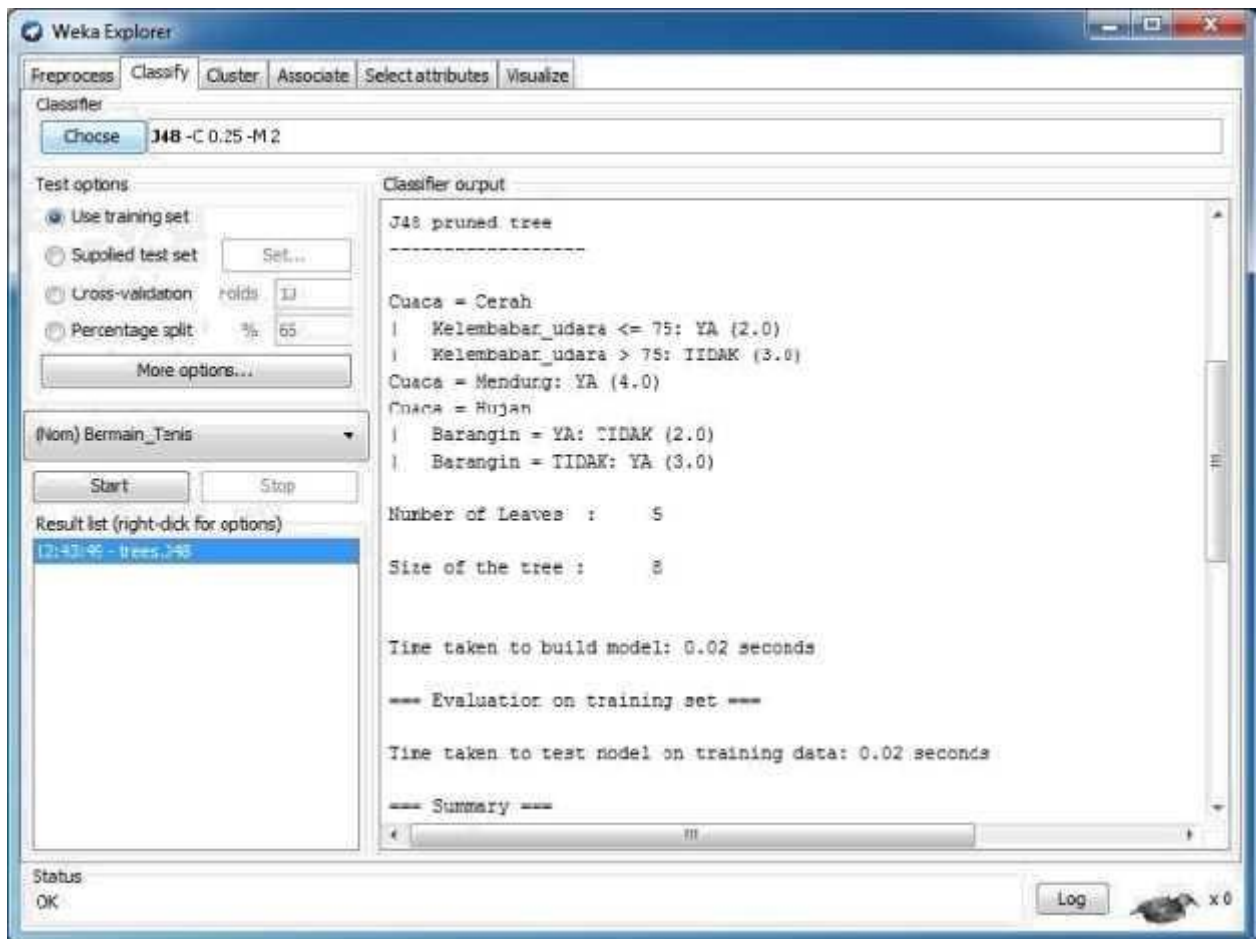
NIM : L200170092

MODUL 9

1. Buka file **Cuaca.arff**, dengan Weka Explore.



2. Klik tab **Classify** dan tekan tombol **Choose**, **Trees => J48**, pilih **Use training set** pada pilih **Test options** dan pastikan atribut dependen **Bermain_Tenis** dan klik **Start** (symbol pada segitiga).



Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Classifier

Choose J48 -C 0.25 -M 2

Test options:

☒ Use training set

☐ Supplied test set Set...

☐ Cross-validation folds 10

☐ Percentage split % 65

More options...

(Nom) Berman_Tenis

Start Stop

Result list (right-click for options)

12:43:46 - trees.J48

Classifier output

=== Summary ===

Correctly Classified Instances	14	100	%
Incorrectly Classified Instances	0	0	%
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	0.000	1.000	1.000	1.000	1.000
	1.000	0.000	1.000	1.000	1.000	1.000
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000

=== Confusion Matrix ===

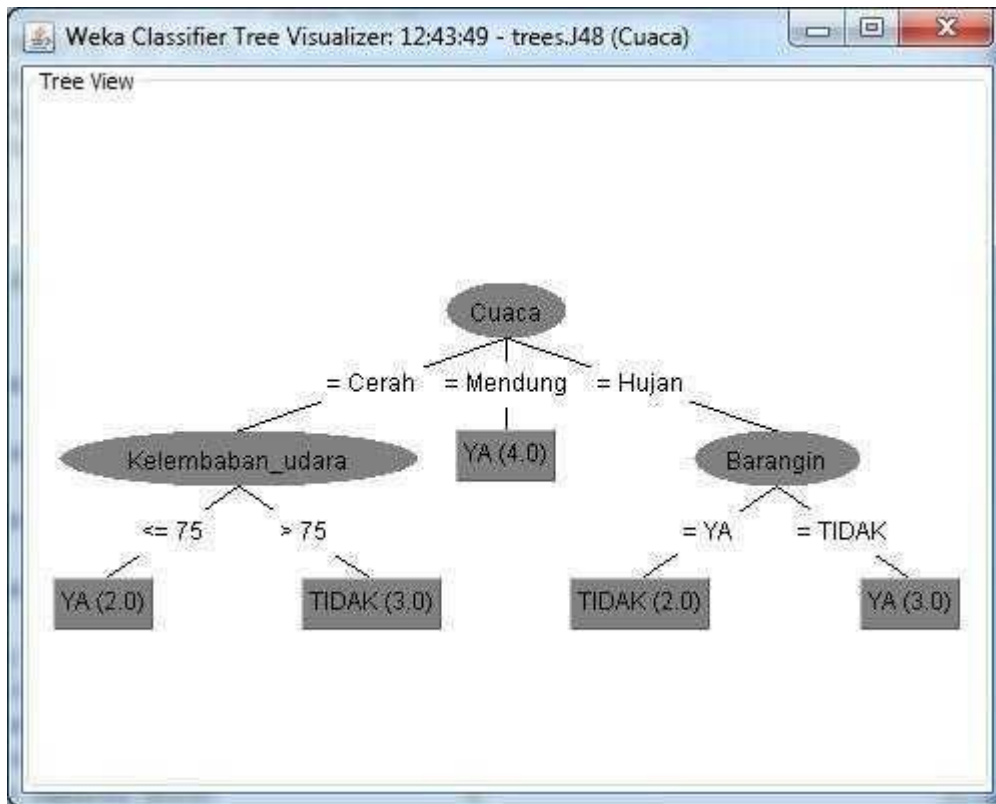
a b <-- classified as

Status

OK

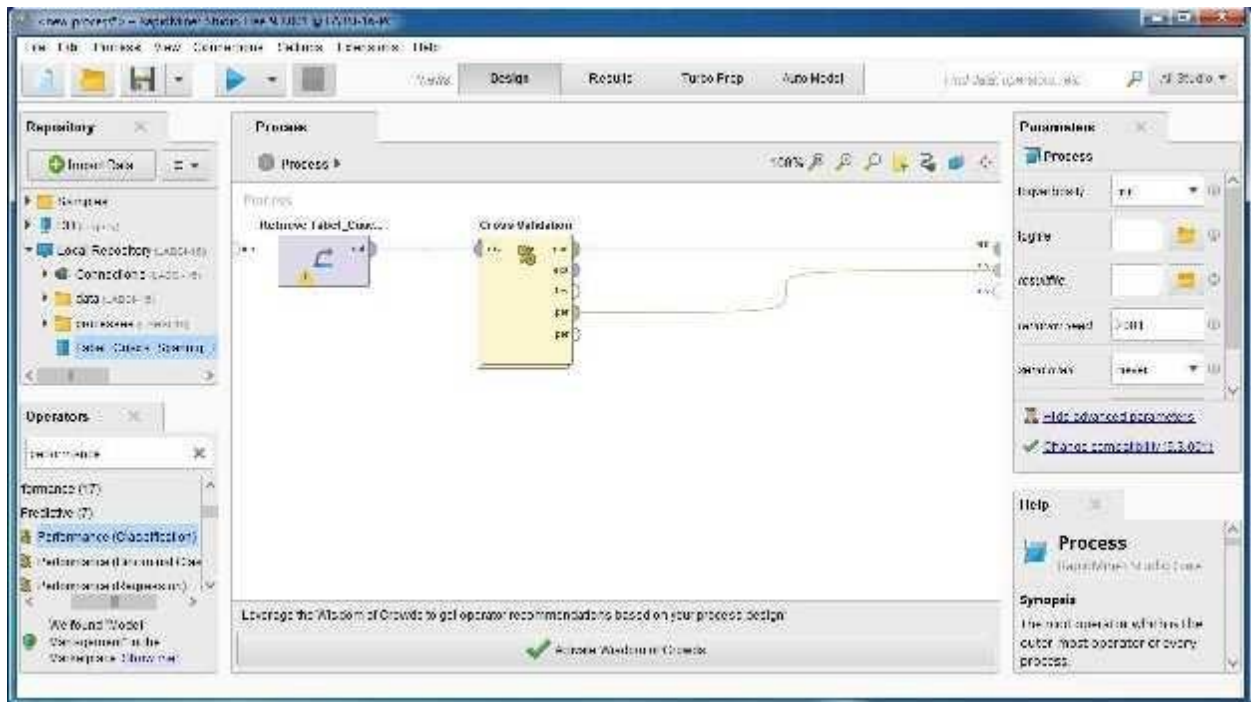
Log x0

3. Klik kanan pada **Result list** dan pilih **Visual tree**, untuk melihat **Pohon Keputusannya**.

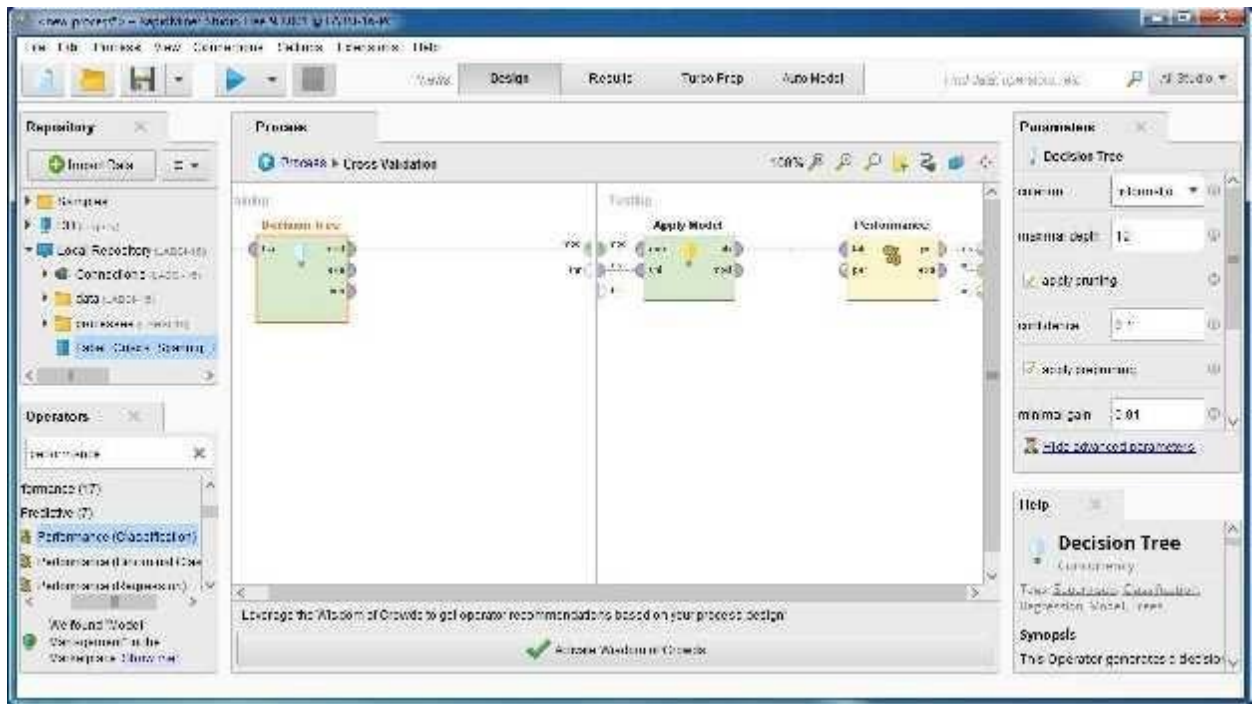


9.4.1 Pohon Keputusan Menggunakan RapidMiner

1. Buka **RapidMiner** dan klik **New Process => Blank** pada halaman perspective RapidMiner dan buat data Training, masukkan data training tersebut ke kolom **Process** lalu cari pada kolom **Operators** ketikkan **cross validation**.



2. Klik 2X pada **Cross Validation** dan masukkan **decision**, **apply model**, dan **performance**, lalu arahkan sesuai instruksi buku.



3. Klik **Start** (Simbol segitiga) lalu lihat hasilnya.

