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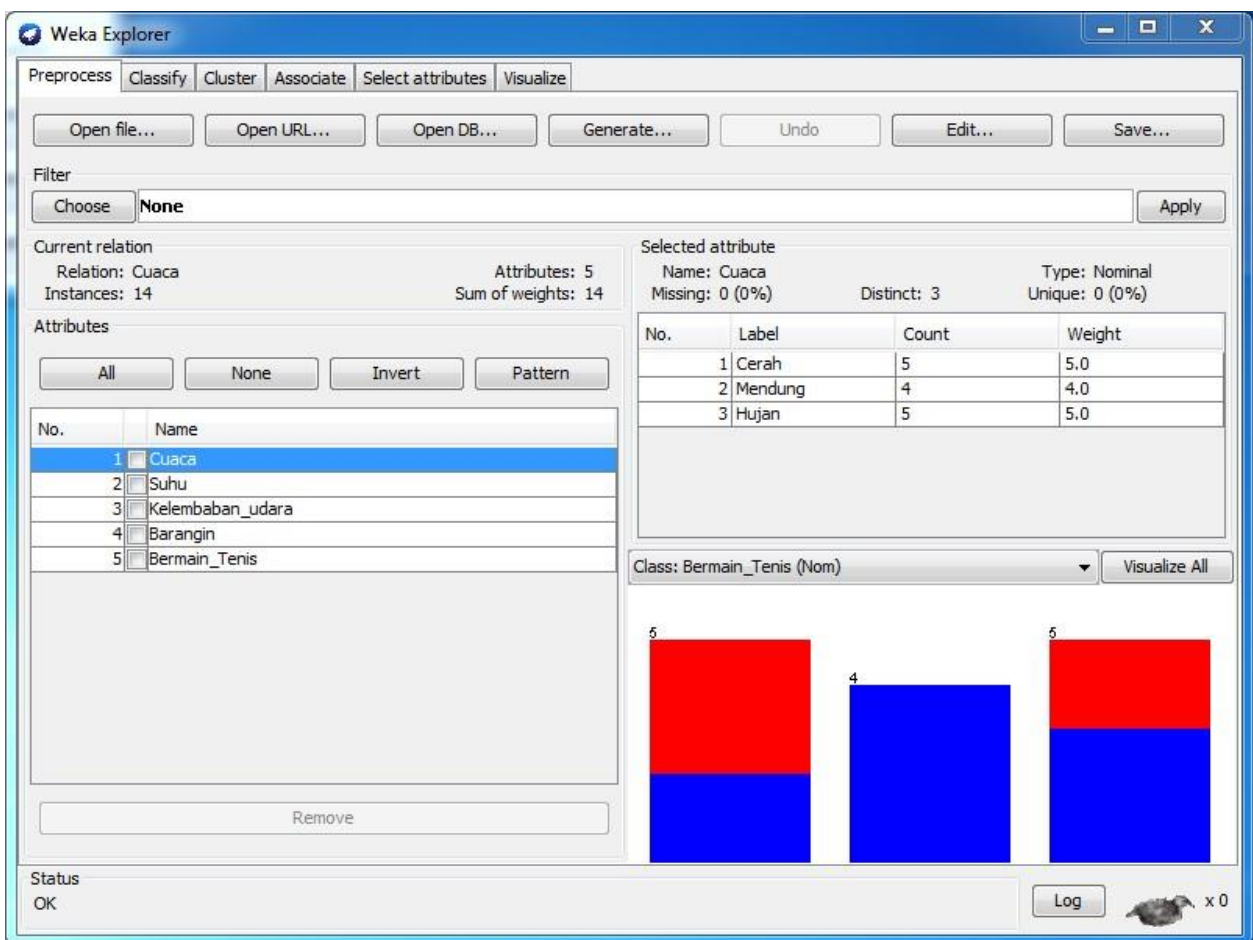
Kelas : C

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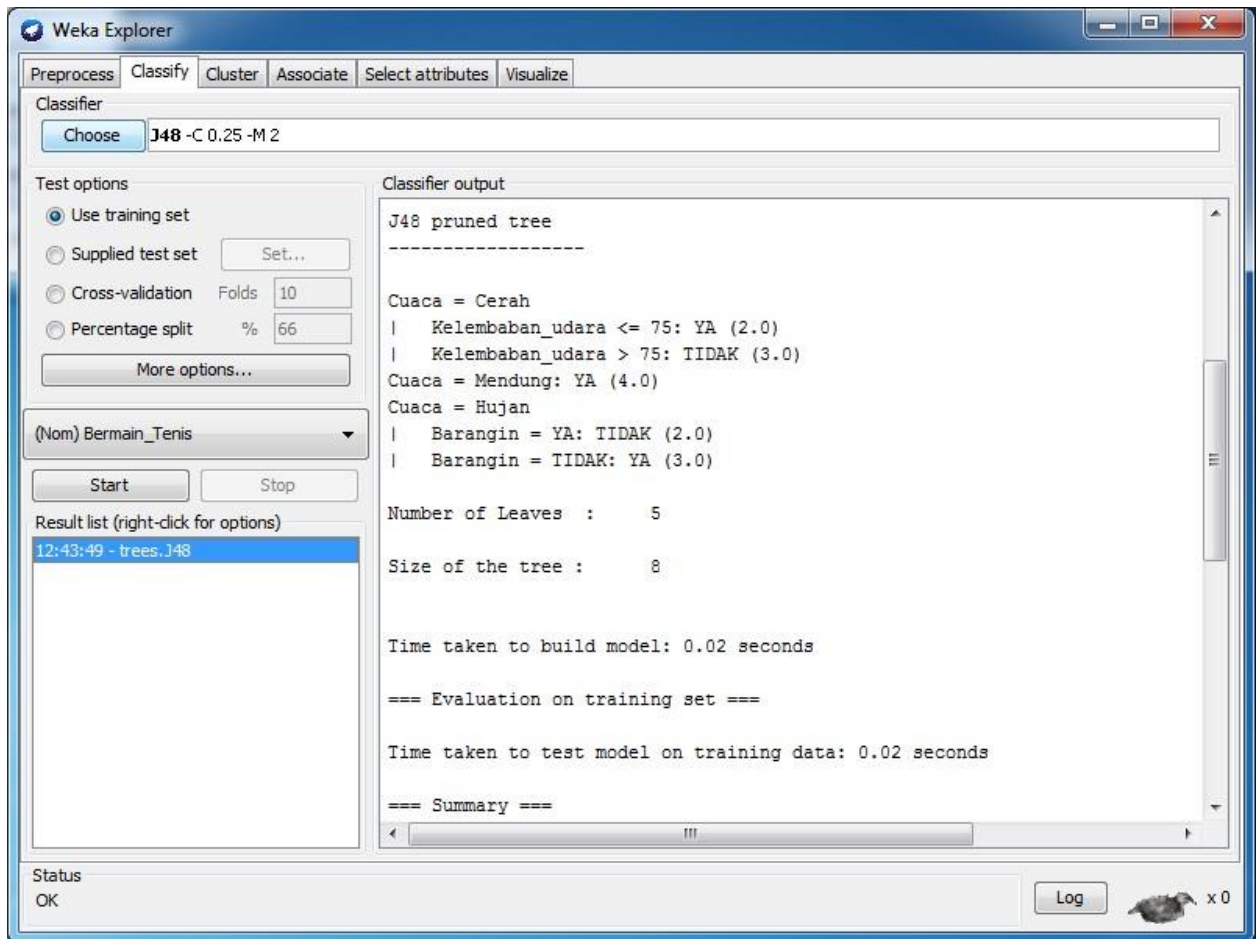
9.4 Langkah-langkah Praktikum

9.4.1 Pohon Keputusan Menggunakan WEKA

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



2. Klik tab **Classify** dan tekan tombol **Choose**, pilih **Trees** => **J48**, pilih **Use training set** pada **Test options** dan pastikan atribut dependen pada **Bermain_Tenis** dan klik **Start** (symbol 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 % 66

More options...

(Nom) Bermain_Tenis

Start Stop

Result list (right-click for options)

12:43:49 - 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 |

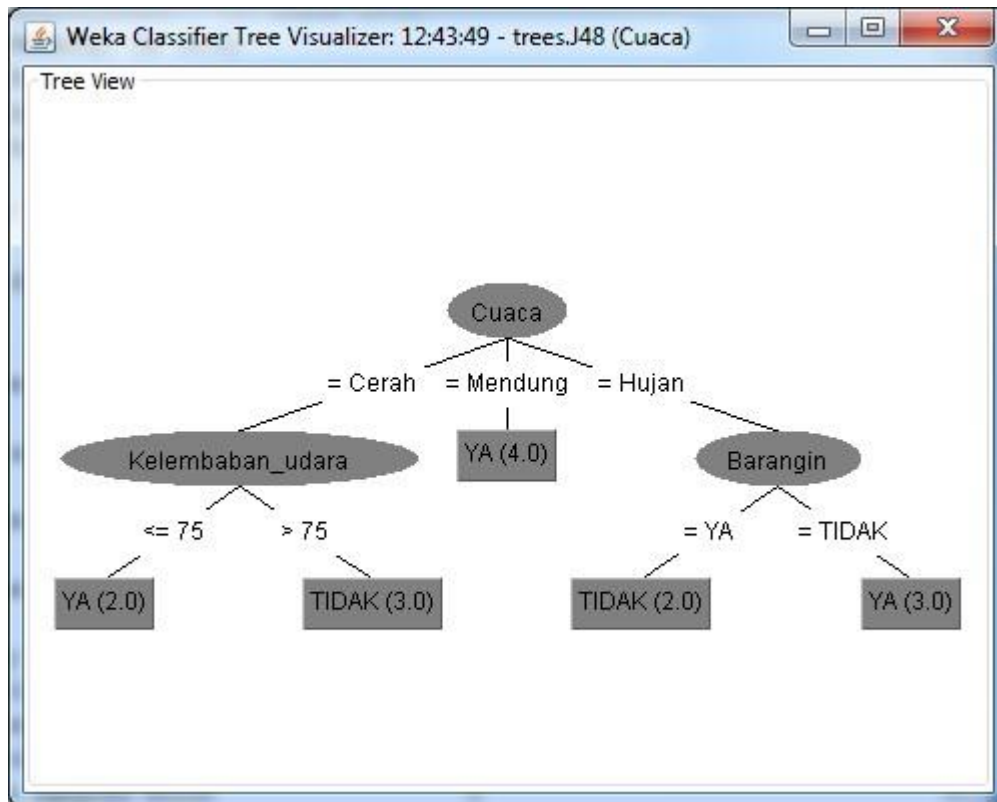
=== Confusion Matrix ===

a b <-- classified as

Status OK

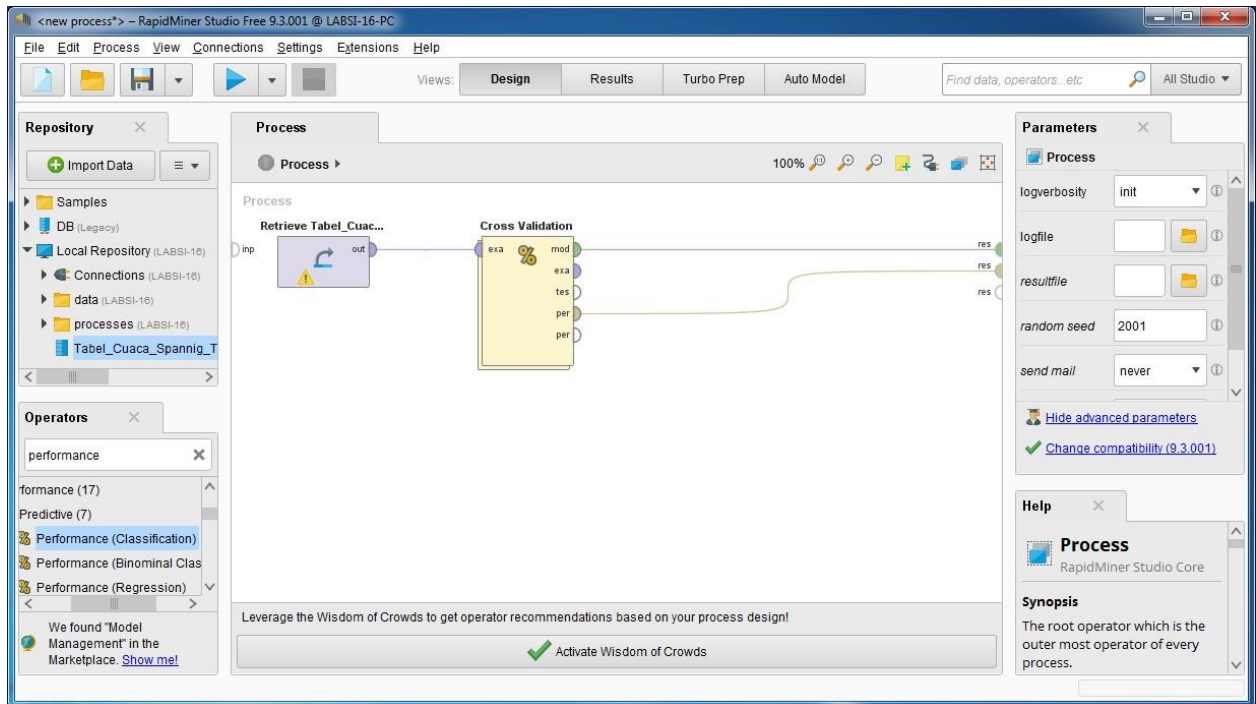
Log x 0

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

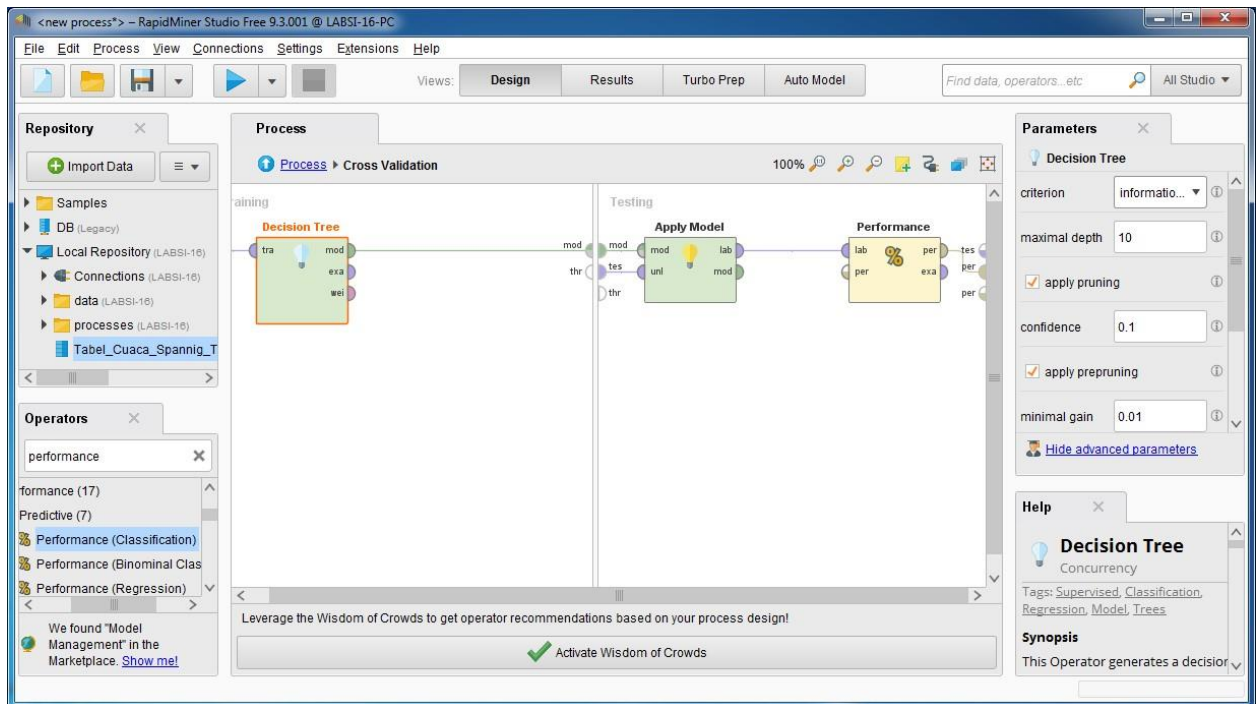


9.4.2 Pohon Keputusan Menggunakan RapidMiner

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.

