Zulfikar Bayu Budiman
Kelas C
L200170052
Tugas Prak DWDM

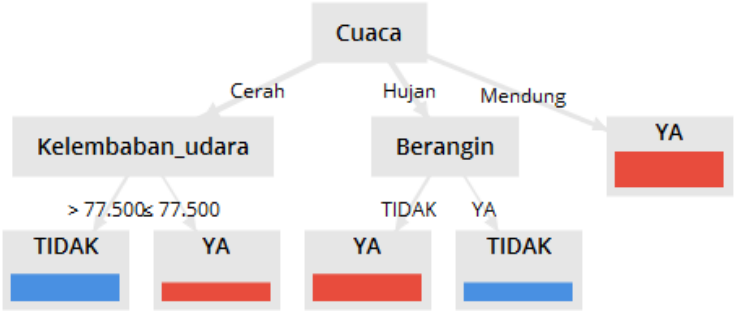
PerformanceVector (Performance) | Tree (Decision Tree)

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%	

PerformanceVector (Performance) | **Tree (Decision Tree)**



1.

Cuaca	Suhu	Kelembaban_Udara	Berangin	Bermain_Tenis
Cerah	75	65	TIDAK	**TIDAK**
Cerah	80	68	YA	**TIDAK**
Cerah	83	87	YA	**YA**
Mendung	70	96	TIDAK	**YA**
Mendung	68	81	TIDAK	**YA**
Hujan	65	75	TIDAK	**YA**
Hujan	64	85	YA	**TIDAK**

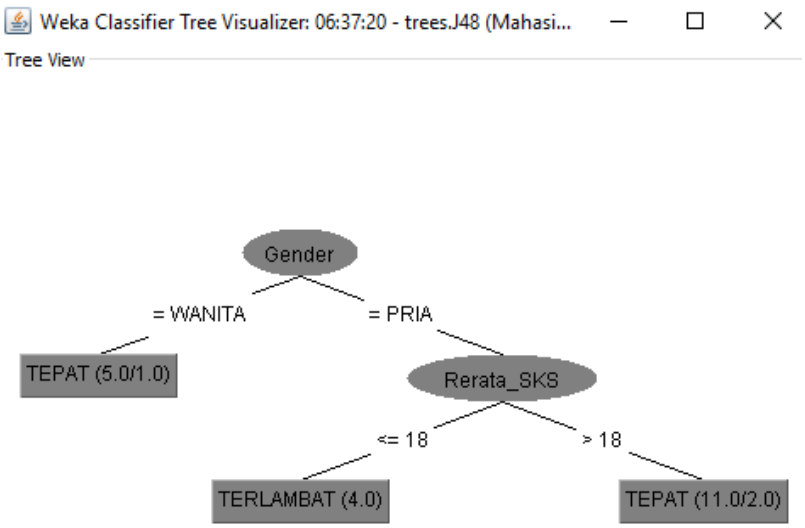
2.

Number of Leaves : 3

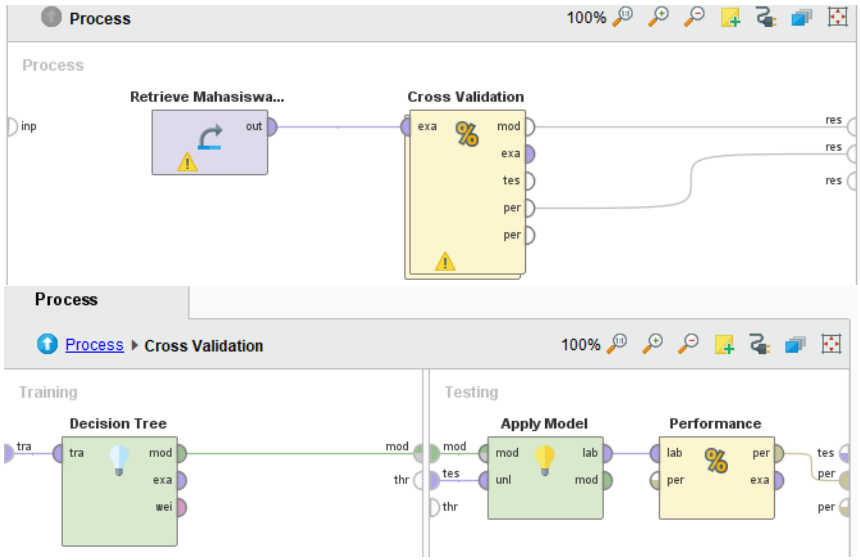
Size of the tree : 5

Time taken to test model on training data: 0 seconds

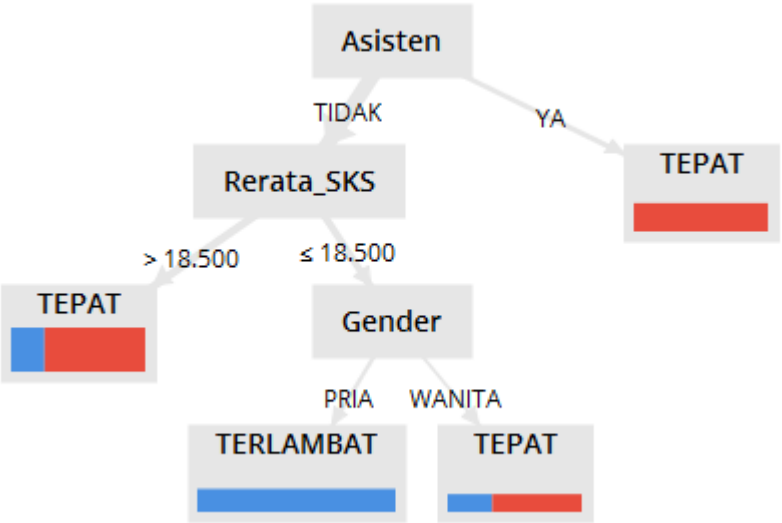
Correctly Classified Instances	17	85	%
Incorrectly Classified Instances	3	15	%



3.

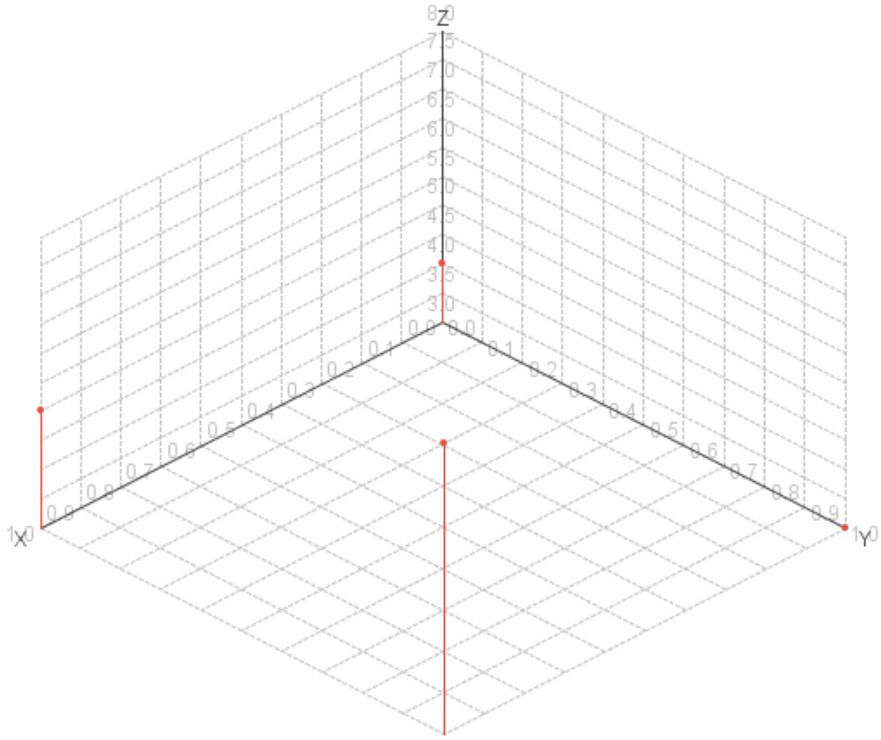


a.



b.

Confusion Matrix (x: true class, y: pred. class, z: counters)



4.

Klasifikasi yang terbentuk yaitu :

a. Seseorang Lama Studi nya akan **Tepat** Jika Kondisi sebagai berikut :
   i. Asisten = (YA) TEPAT
   ii. Asisten = (TIDAK), Rerata_SKS (>18.500) **= Tepat** (Nilai Atribut lain diabaikan).
   iii. Asisten = (TIDAK), Rerata_SKS (<= 18.500), Gender Wanita = **Tepat**
b. Seseorang Lama Studi nya akan **Terlambat** Jika Kondisi sebagai berikut :
   i. Asisten = (TIDAK), Rerata_SKS (<= 18.500), Gender Pria = **Terlambat**