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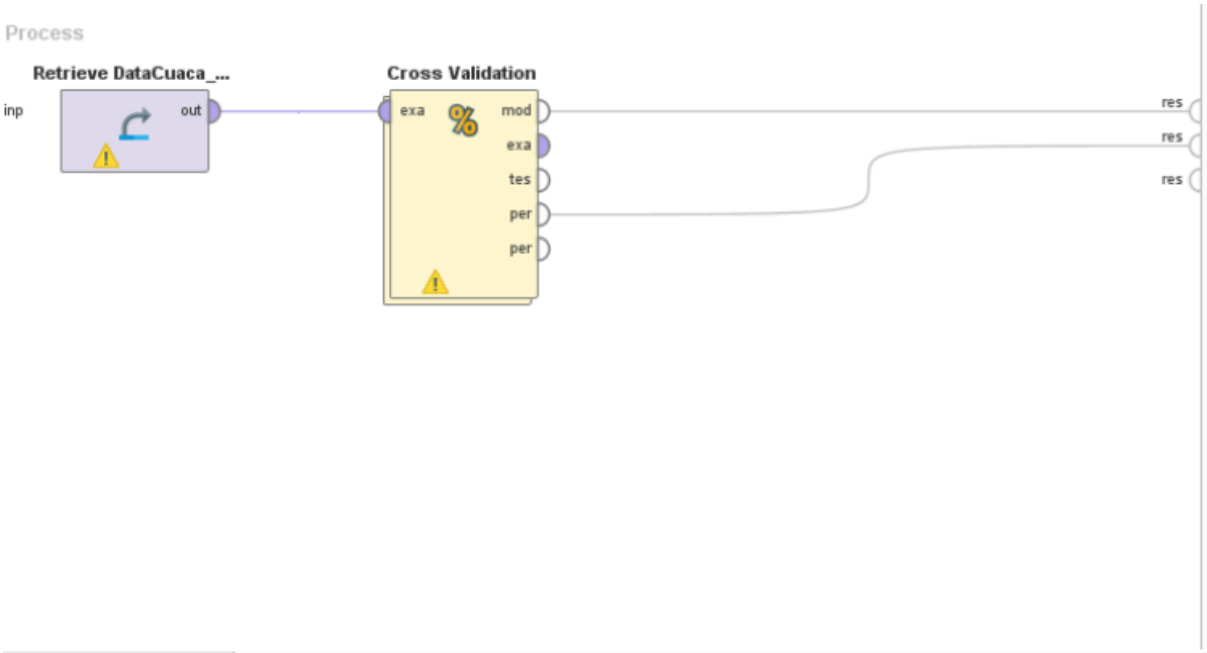
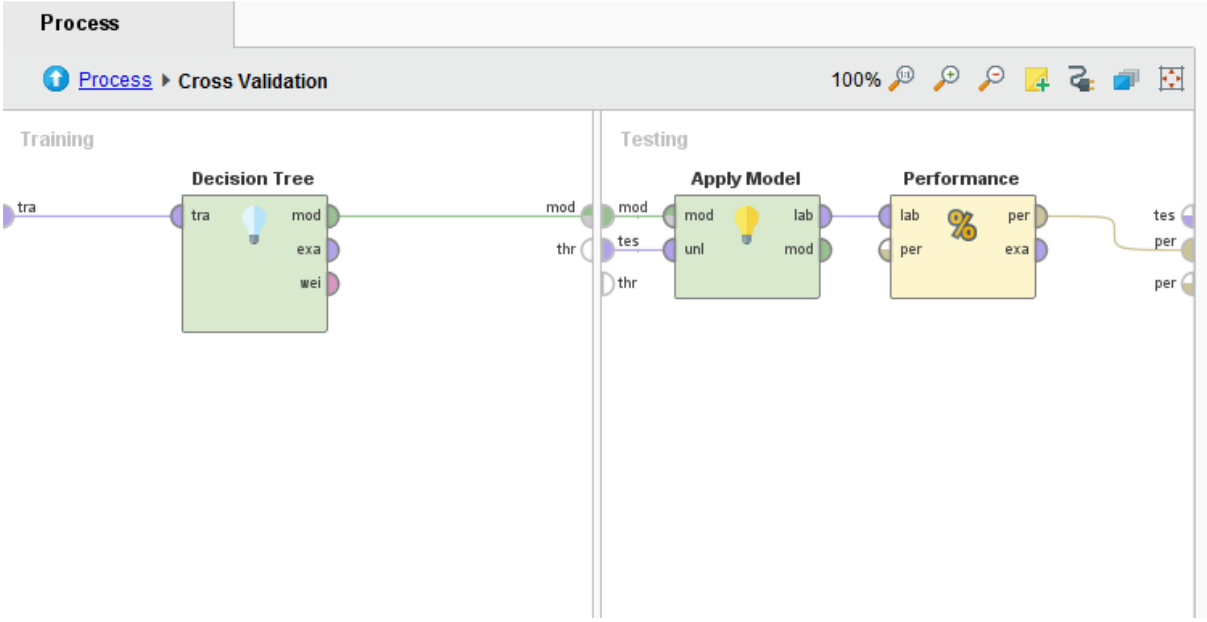
MODUL 11





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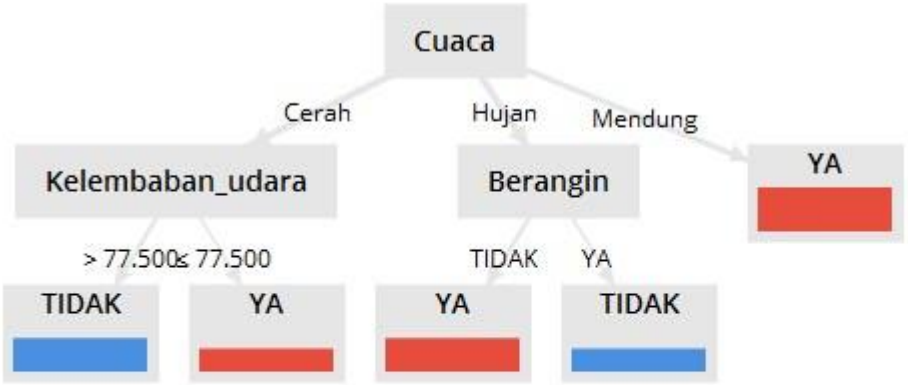

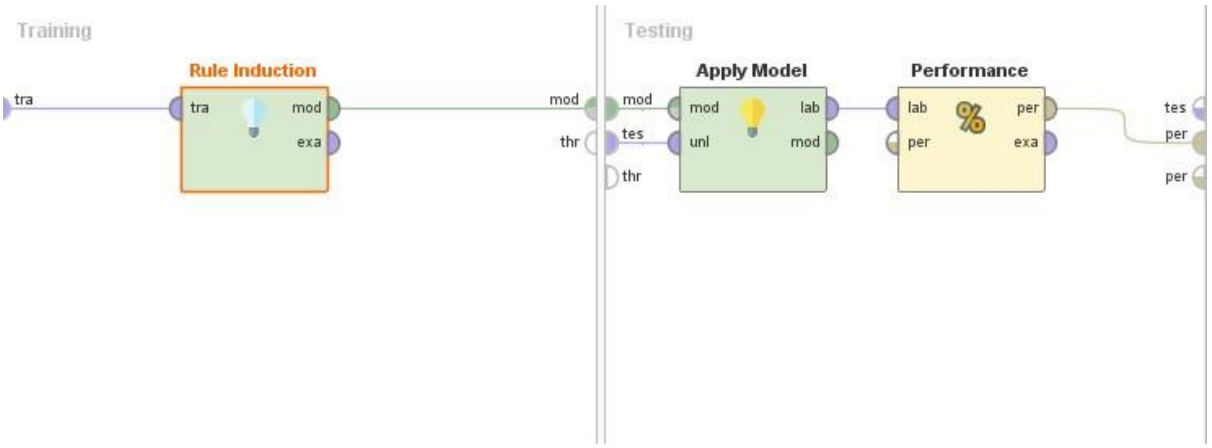

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MODUL 11

RuleModel

```
if Kelembaban_udara ≤ 82.500 then YA  (1 / 6)
if Cuaca = Cerah then TIDAK  (3 / 0)
if Cuaca = Mendung then YA  (0 / 2)
if Suhu ≤ 70.500 then YA  (0 / 1)
else TIDAK  (0 / 0)

correct: 12 out of 13 training examples.
```

PerformanceVector (Performance) | RuleModel (Rule Induction)

Table View | Plot View

accuracy: 65.00% +/- 45.00% (micro average: 71.43%)

	true TIDAK	true YA	class precisi
pred. TIDAK	2	1	66.67%
pred. YA	3	8	72.73%
class recall	40.00%	88.89%	

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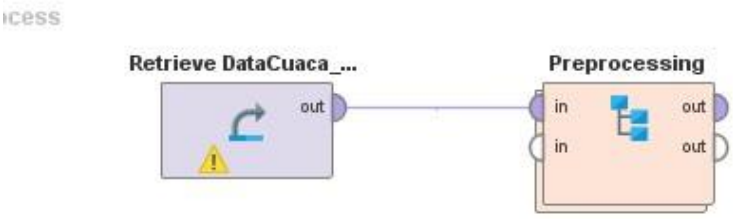

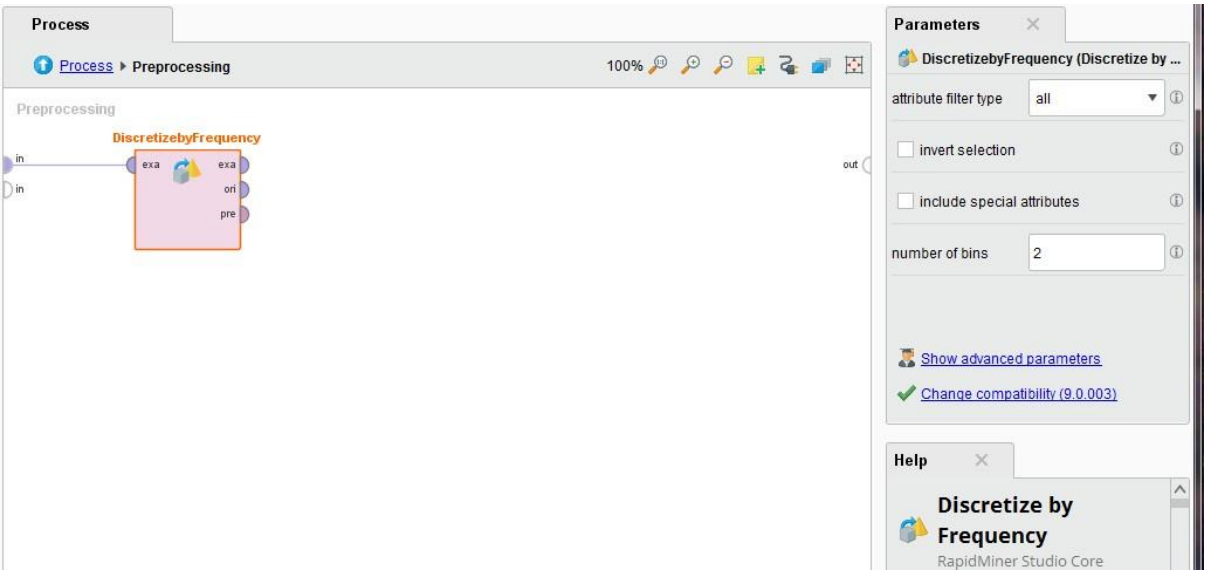

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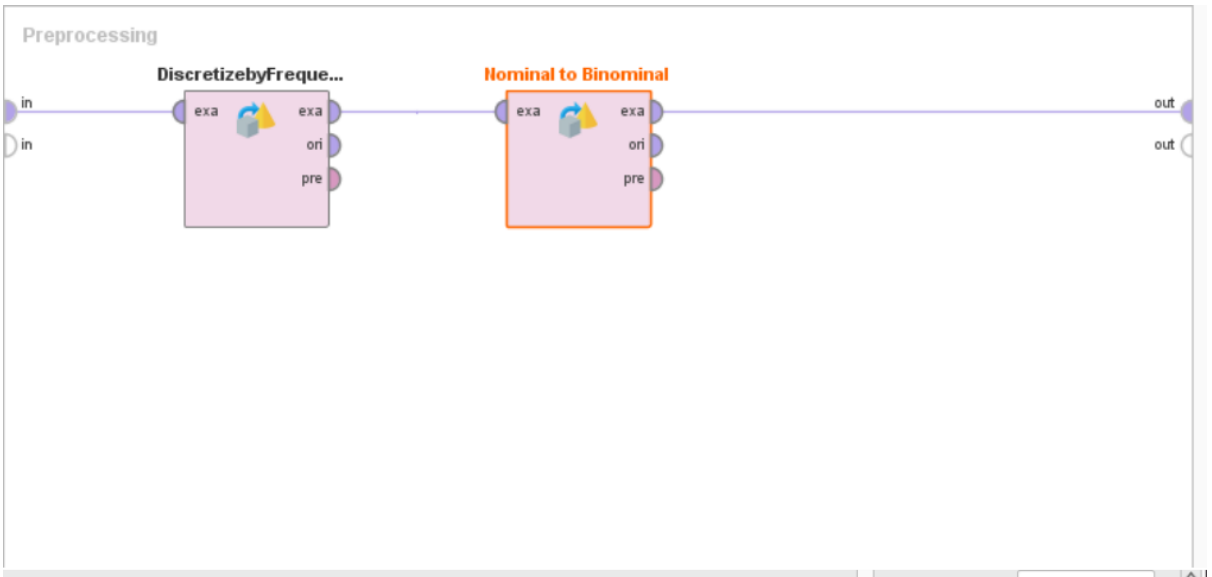

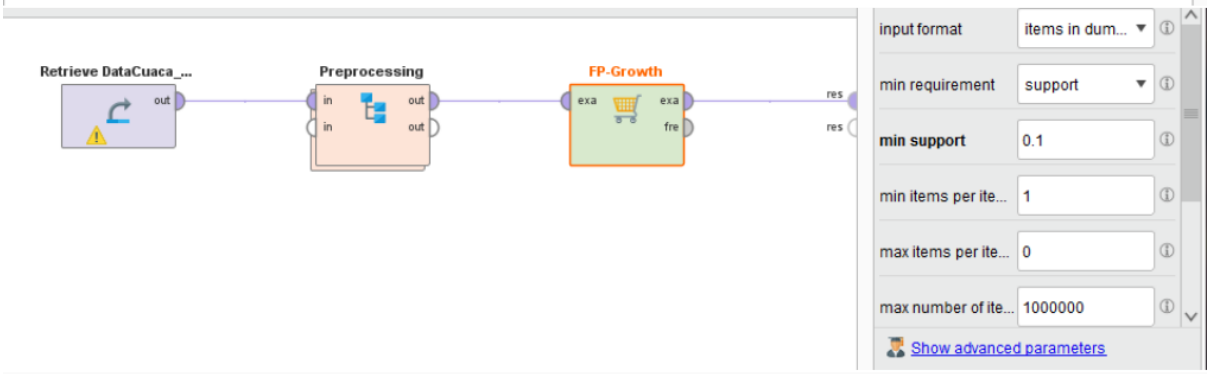

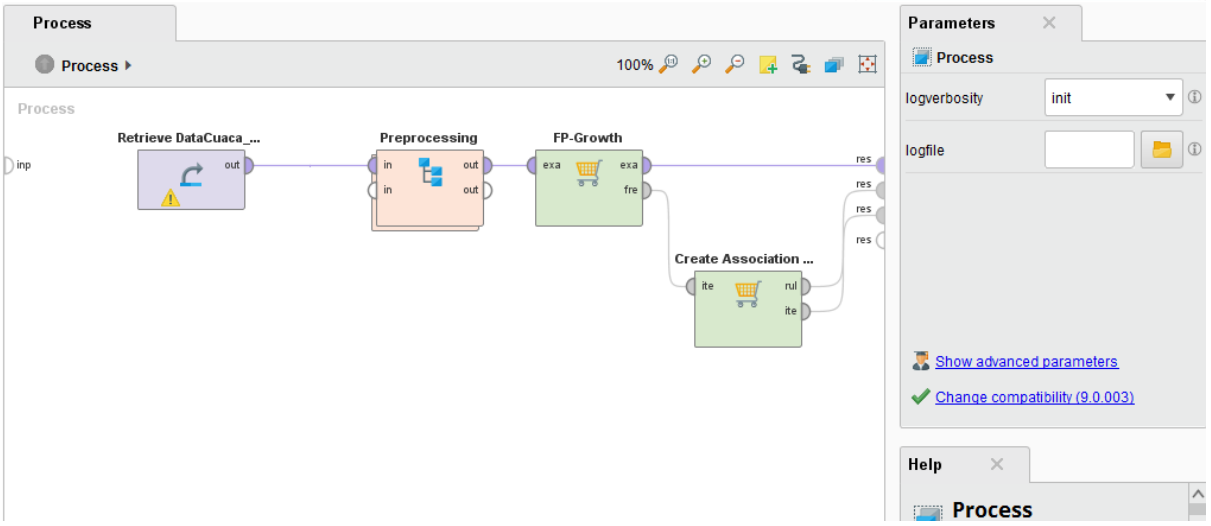

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FrequentItemSets (FP-Growth) | AssociationRules (Create Association Rules)

Size	Support	Item 1	Item 2	Item 3	Item 4
1	0.500	Kelembaban_u...			
1	0.429	Berangin			
1	0.429	Suhu			
1	0.357	Cuaca = Cerah			
1	0.357	Cuaca = Hujan			
1	0.286	Cuaca = Mendu...			
2	0.214	Kelembaban_u...	Berangin		
2	0.214	Kelembaban_u...	Suhu		
2	0.214	Kelembaban_u...	Cuaca = Cerah		
2	0.143	Kelembaban_u...	Cuaca = Hujan		
2	0.143	Kelembaban_u...	Cuaca = Mendu...		
2	0.143	Berangin	Suhu		
2	0.143	Berangin	Cuaca = Cerah		

No.	Premises	Conclusion	Support	Confidence
1	Berangin, Suhu	Cuaca = Cerah	0.143	1
2	Berangin, Cuaca = Cerah	Suhu	0.143	1
3	Kelembaban_udara, Berangin, Suhu	Cuaca = Cerah	0.071	1
4	Kelembaban_udara, Berangin, Cuaca = Cerah	Suhu	0.071	1

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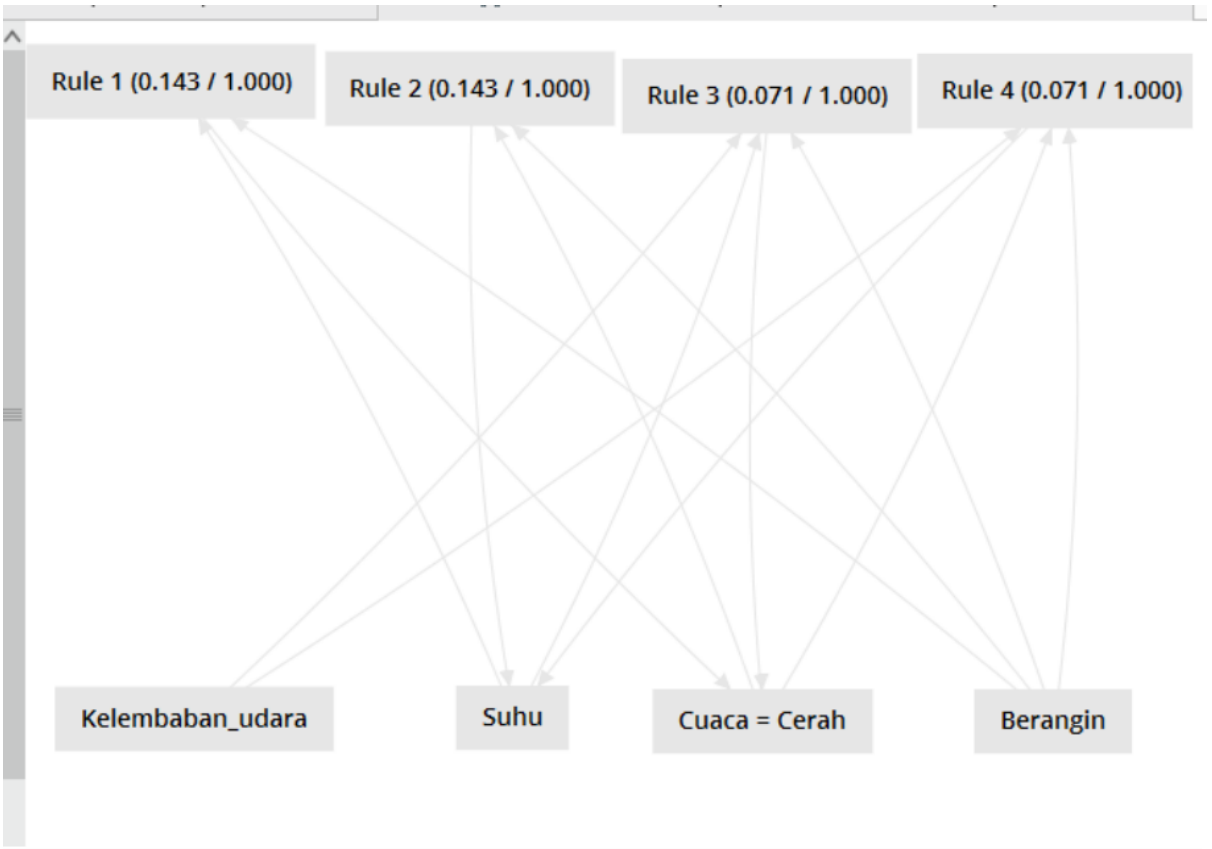

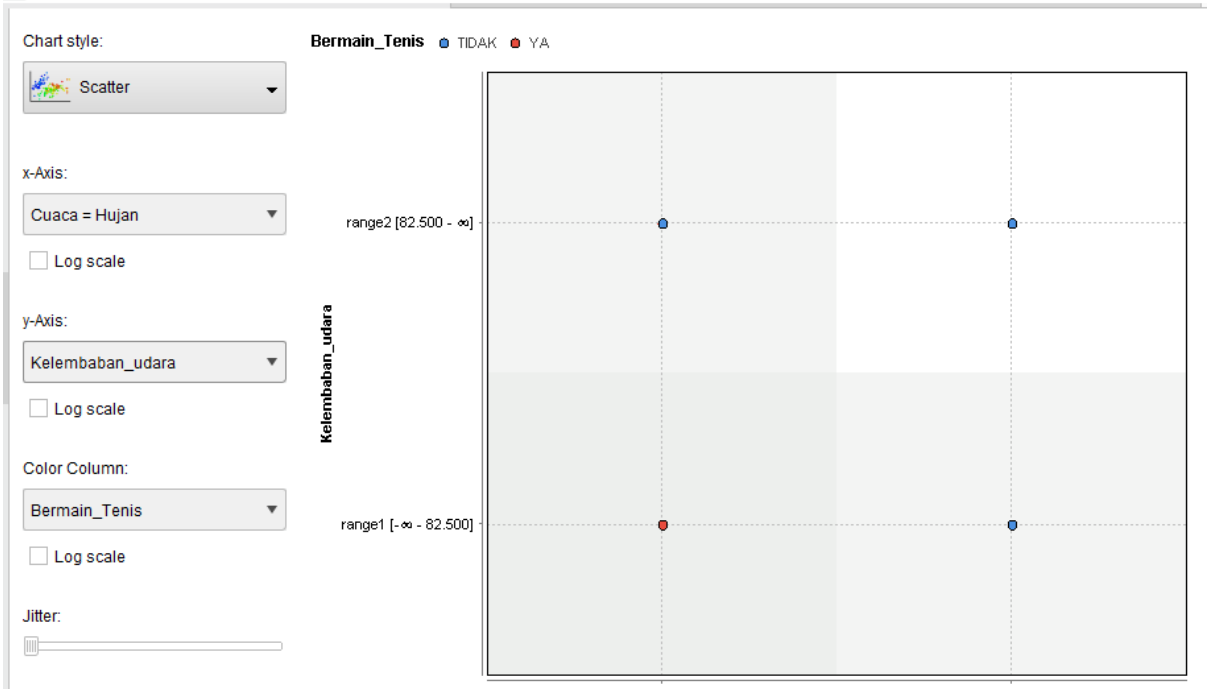

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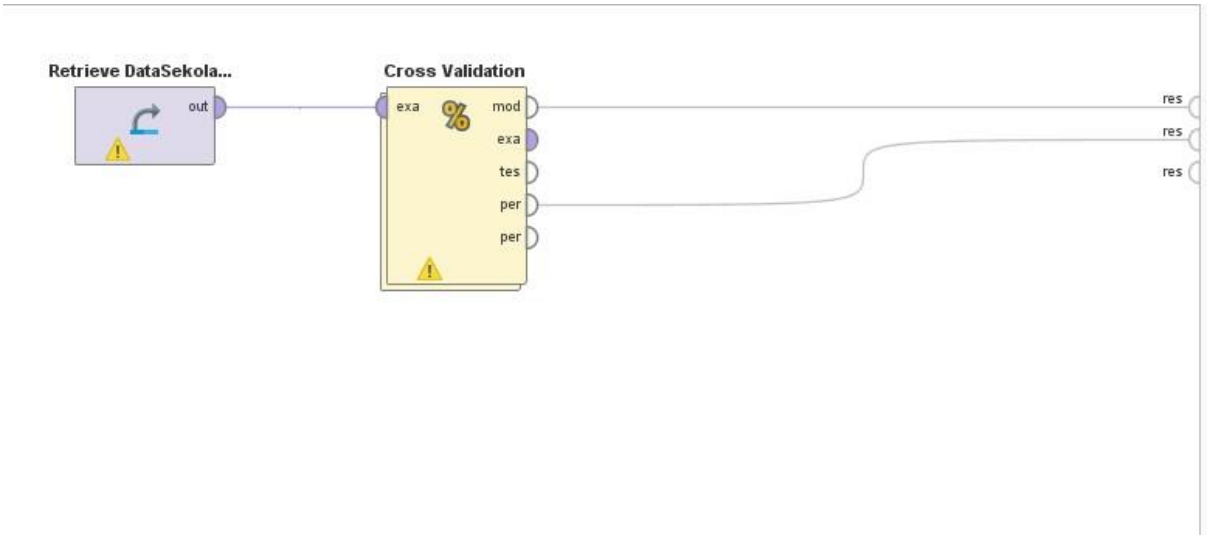
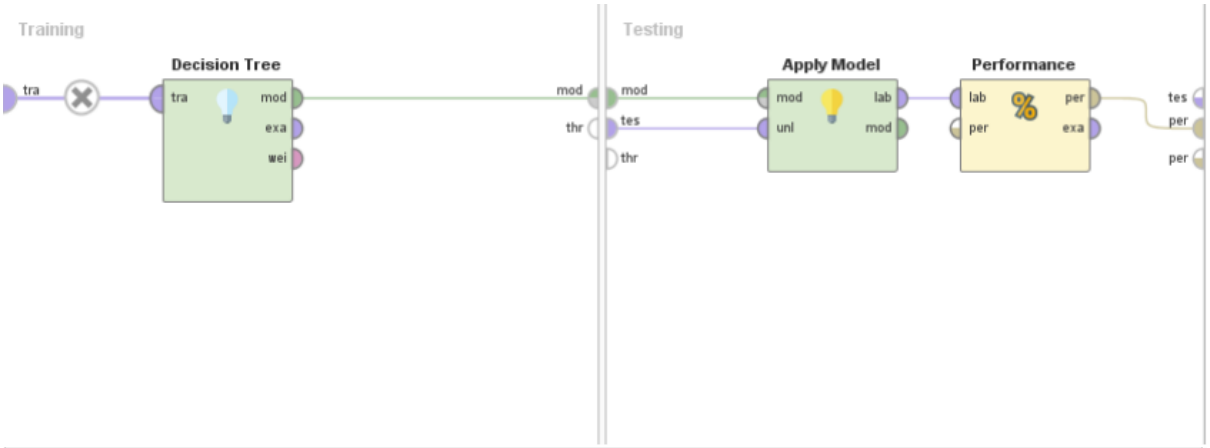
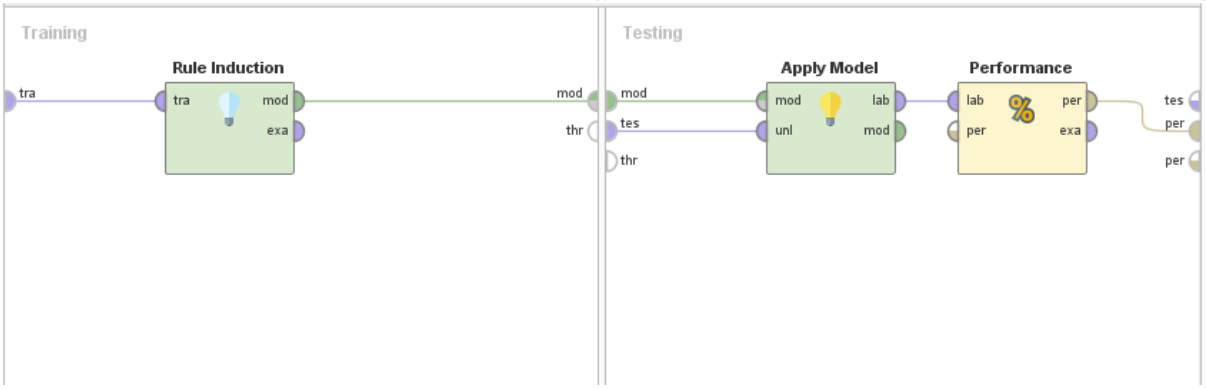
TUGAS







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PRAK DWDM
MODUL 11

RuleModel

```
if RERATA_SKS > 18.500 then TEPAT  (2 / 10)
if GENDER = PRIA then TERLAMBAT  (4 / 0)
if JURUSAN_SMA = IPA then TEPAT  (0 / 2)
if JURUSAN_SMA = IPS then TERLAMBAT  (1 / 0)
else TEPAT  (0 / 0)

correct: 17 out of 19 training examples.
```

Table View Plot View

accuracy: 65.00% +/- 32.02% (micro average: 65.00%)

	true TERLAMBAT	true TEPAT	class precision
pred. TERLAMBAT	4	4	50.00%
pred. TEPAT	3	9	75.00%
class recall	57.14%	69.23%	

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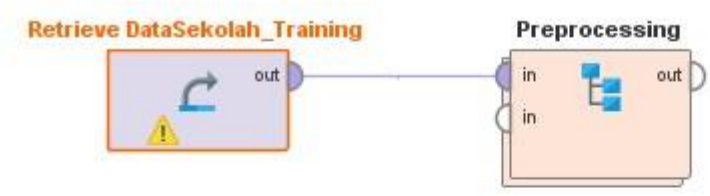

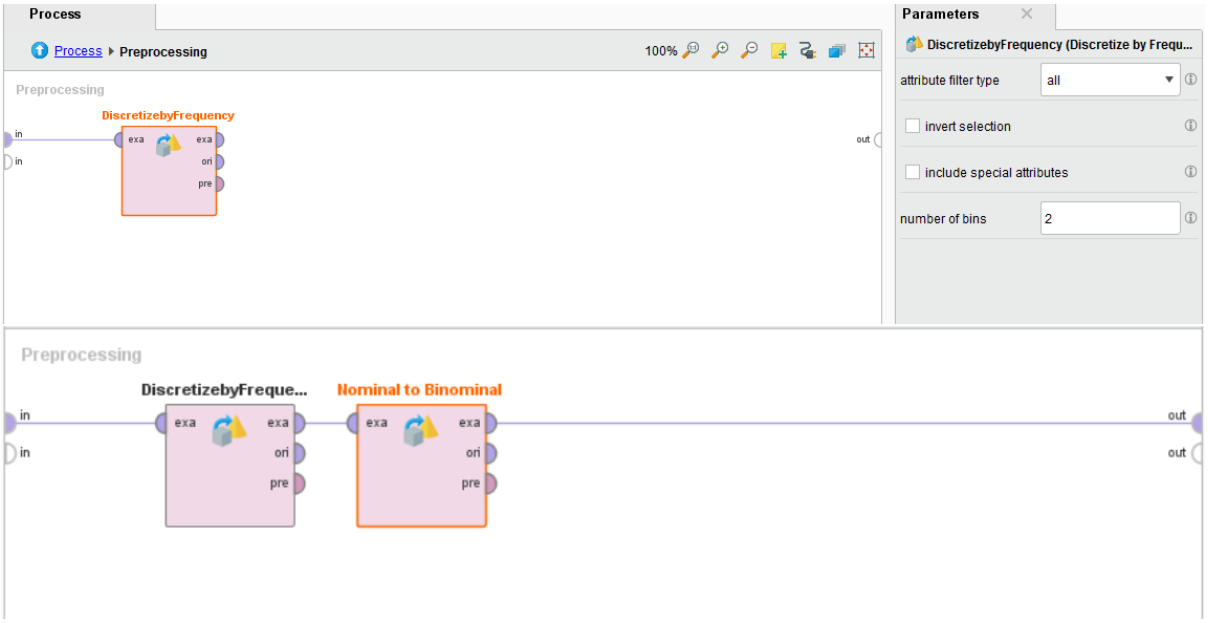

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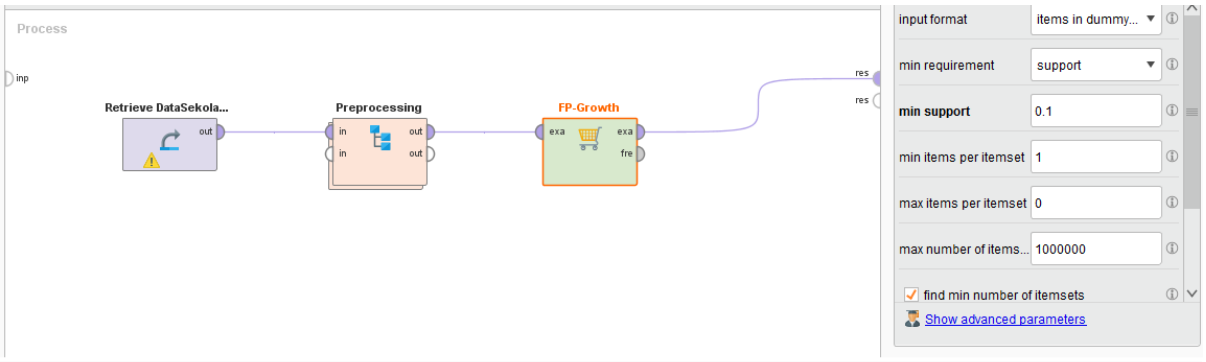
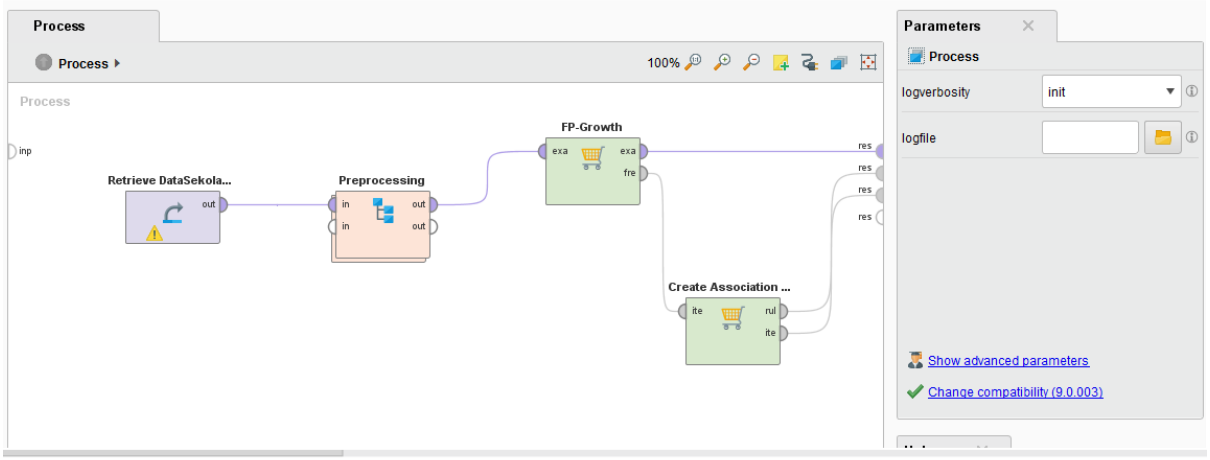
MODUL 11





No. of Sets: 55
Total Max. Size: 5

Min. Size: 1
Max. Size: 5
Contains Item:
Update View

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.500	JURUSAN_SM...				
1	0.300	ASAL_SEKOLAH				
1	0.300	JURUSAN_SM...				
1	0.250	ASISTEN				
1	0.250	RERATA_SKS				
1	0.200	JURUSAN_SM...				
2	0.350	GENDER	JURUSAN_SM...			
2	0.250	GENDER	ASAL_SEKOLAH			
2	0.250	GENDER	JURUSAN_SM...			
2	0.200	GENDER	ASISTEN			
2	0.250	GENDER	RERATA_SKS			
2	0.150	GENDER	JURUSAN_SM...			
2	0.150	JURUSAN_SM...	ASAL_SEKOLAH			

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No. of Sets: 55
Total Max. Size: 5

Min. Size: 1
Max. Size: 5
Contains Item:
Update View

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
2	0.200	JURUSAN_SM...	ASISTEN			
2	0.100	JURUSAN_SM...	RERATA_SKS			
2	0.100	ASAL_SEKOLAH	JURUSAN_SM...			
2	0.150	ASAL_SEKOLAH	ASISTEN			
2	0.150	ASAL_SEKOLAH	RERATA_SKS			
2	0.050	ASAL_SEKOLAH	JURUSAN_SM...			
2	0.100	JURUSAN_SM...	RERATA_SKS			
2	0.150	ASISTEN	RERATA_SKS			
2	0.050	ASISTEN	JURUSAN_SM...			
2	0.050	RERATA_SKS	JURUSAN_SM...			
3	0.100	GENDER	JURUSAN_SM...	ASAL_SEKOLAH		
3	0.150	GENDER	JURUSAN_SM...	ASISTEN		
3	0.100	GENDER	JURUSAN_SM...	RERATA_SKS		

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
3	0.050	ASISTEN	RERATA_SKS	JURUSAN_SM...		
4	0.050	GENDER	JURUSAN_SM...	ASAL_SEKOLAH	ASISTEN	
4	0.050	GENDER	JURUSAN_SM...	ASAL_SEKOLAH	RERATA_SKS	
4	0.100	GENDER	JURUSAN_SM...	ASISTEN	RERATA_SKS	
4	0.050	GENDER	ASAL_SEKOLAH	JURUSAN_SM...	RERATA_SKS	
4	0.100	GENDER	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	
4	0.050	GENDER	ASAL_SEKOLAH	ASISTEN	JURUSAN_SM...	
4	0.050	GENDER	ASAL_SEKOLAH	RERATA_SKS	JURUSAN_SM...	
4	0.050	GENDER	ASISTEN	RERATA_SKS	JURUSAN_SM...	
4	0.050	JURUSAN_SM...	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	
4	0.050	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	JURUSAN_SM...	
5	0.050	GENDER	JURUSAN_SM...	ASAL_SEKOLAH	ASISTEN	RERATA_SKS
5	0.050	GENDER	ASAL_SEKOLAH	ASISTEN	RERATA_SKS	JURUSAN_SM...

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No.	Premises	Conclusion	Support	Confide...	LaPlace	Gain	p-s	Lif
3	ASAL_SEKOLAH	GENDER	0.250	0.833	0.962	-0.350	0.025	1.1
4	JURUSAN_SMA = IPS	GENDER	0.250	0.833	0.962	-0.350	0.025	1.1
5	RERATA_SKS	GENDER	0.250	1	1	-0.250	0.062	1.3
6	JURUSAN_SMA = IPA, RE...	GENDER	0.100	1	1	-0.100	0.025	1.3
7	ASAL_SEKOLAH, JURUS...	GENDER	0.100	1	1	-0.100	0.025	1.3
8	ASAL_SEKOLAH, RERAT...	GENDER	0.150	1	1	-0.150	0.038	1.3
9	ASAL_SEKOLAH, JURUS...	GENDER	0.050	1	1	-0.050	0.012	1.3
10	JURUSAN_SMA = IPS, RE...	GENDER	0.100	1	1	-0.100	0.025	1.3
11	ASISTEN, RERATA_SKS	GENDER	0.150	1	1	-0.150	0.038	1.3
12	ASISTEN, JURUSAN_SMA...	GENDER	0.050	1	1	-0.050	0.012	1.3
13	RERATA_SKS, JURUSAN...	GENDER	0.050	1	1	-0.050	0.012	1.3
14	JURUSAN_SMA = IPA, RE...	ASISTEN	0.100	1	1	-0.100	0.075	4

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.750	GENDER				
1	0.500	JURUSAN_SM...				
1	0.400	RERATA_SKS ...				
1	0.350	RERATA_SKS ...				
1	0.300	ASAL_SEKOLAH				
1	0.300	JURUSAN_SM...				
1	0.250	ASISTEN				
1	0.250	RERATA_SKS ...				
1	0.200	JURUSAN_SM...				
2	0.350	GENDER	JURUSAN_SM...			
2	0.200	GENDER	RERATA_SKS ...			
2	0.300	GENDER	RERATA_SKS ...			
2	0.250	GENDER	ASAL_SEKOLAH			

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No.	Premises	Conclusion
3	ASAL_SEKOLAH	GENDER
4	JURUSAN_SMA = IPS	GENDER
5	RERATA_SKS = range2 [18.500 - 19.500]	GENDER
6	RERATA_SKS = range3 [19.500 - ∞]	GENDER
7	JURUSAN_SMA = IPA, RERATA_SKS = range3 [19...	GENDER
8	RERATA_SKS = range2 [18.500 - 19.500], JURUS...	GENDER
9	RERATA_SKS = range2 [18.500 - 19.500], ASISTEN	GENDER
10	RERATA_SKS = range2 [18.500 - 19.500], JURUS...	GENDER
11	ASAL_SEKOLAH, JURUSAN_SMA = IPS	GENDER
12	ASAL_SEKOLAH, RERATA_SKS = range3 [19.500 ...	GENDER
13	ASAL_SEKOLAH, JURUSAN_SMA = LAIN	GENDER
14	JURUSAN_SMA = IPS, RERATA_SKS = range3 [1...	GENDER