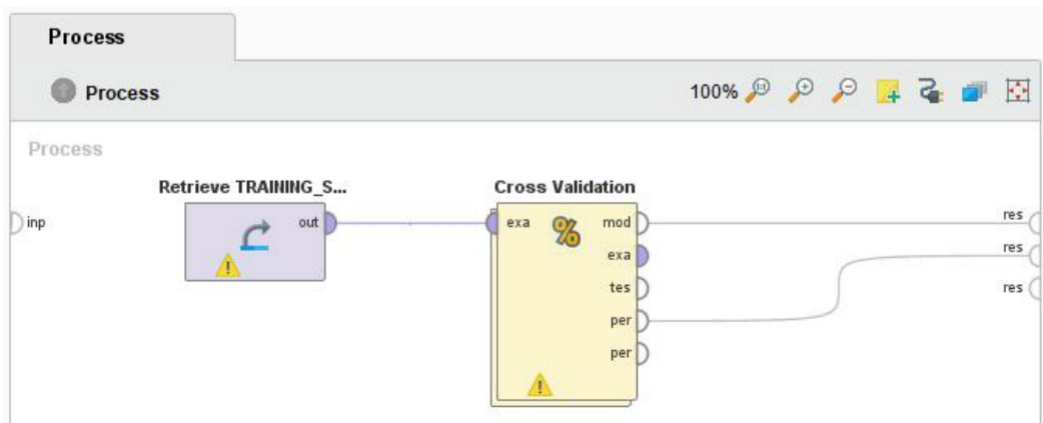


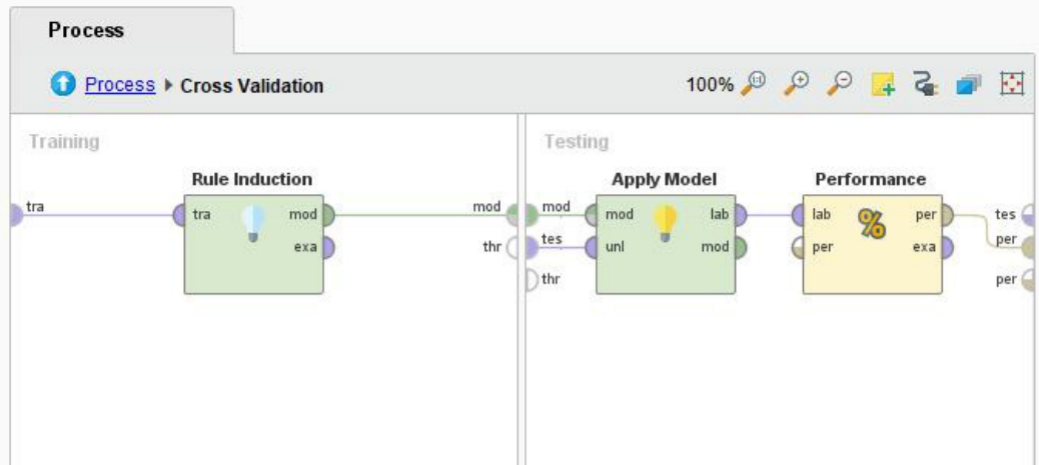
Nama : Fatich Imam Al Arasy  
NIM : L200170128  
Kelas : E

## Laporan Tugas Praktikum DWDM Modul 11

ExampleSet (20 examples, 1 special attribute, 5 regular attributes)

Row No.	Lama_Studi	Jurusan_SMA	Gender	Asal_Sekolah	Rerata_SKS	Asisten
5	TEPAT	IPA	WANITA	SURAKARTA	17	TIDAK
6	TEPAT	IPA	WANITA	LUAR	18	YA
7	TERLAMBAT	IPA	PRIA	SURAKARTA	18	TIDAK
8	TEPAT	IPA	PRIA	SURAKARTA	19	TIDAK
9	TERLAMBAT	IPS	PRIA	LUAR	18	TIDAK
10	TEPAT	LAIN	WANITA	SURAKARTA	18	TIDAK
11	TEPAT	IPA	WANITA	SURAKARTA	19	TIDAK
12	TEPAT	IPS	PRIA	SURAKARTA	20	TIDAK
13	TEPAT	IPS	PRIA	SURAKARTA	19	TIDAK
14	TEPAT	IPA	PRIA	SURAKARTA	19	TIDAK
15	TEPAT	IPA	PRIA	LUAR	22	YA
16	TERLAMBAT	LAIN	PRIA	SURAKARTA	16	TIDAK
17	TEPAT	IPS	PRIA	LUAR	20	TIDAK
18	TEPAT	LAIN	PRIA	LUAR	23	YA
19	TEPAT	IPA	PRIA	SURAKARTA	21	YA
20	TERLAMBAT	IPS	PRIA	SURAKARTA	19	TIDAK





## 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)

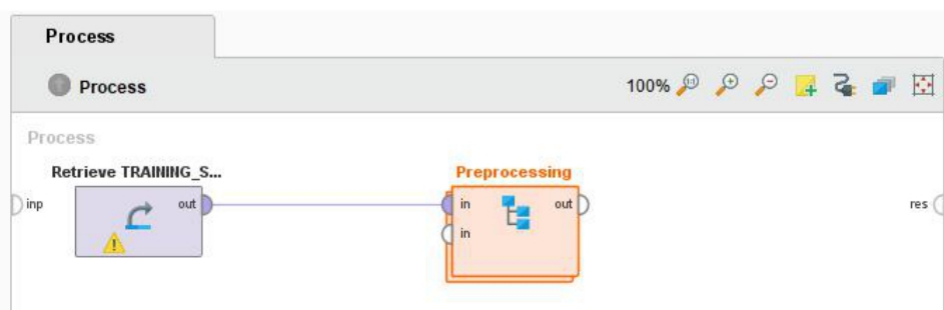
```

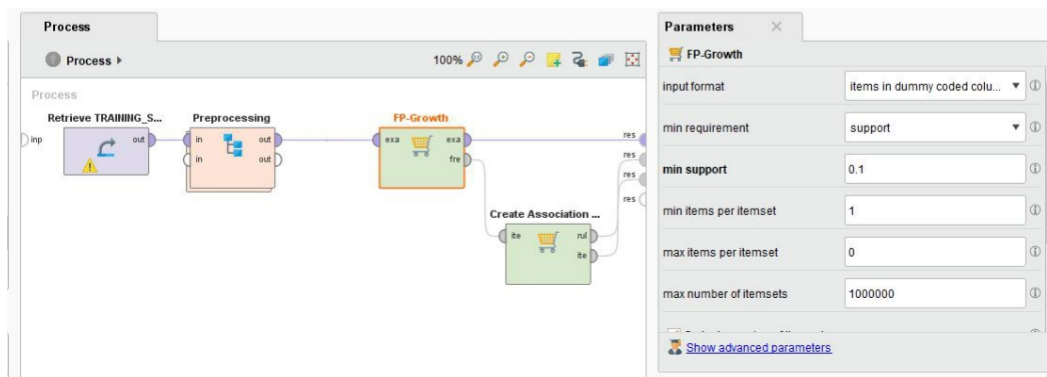
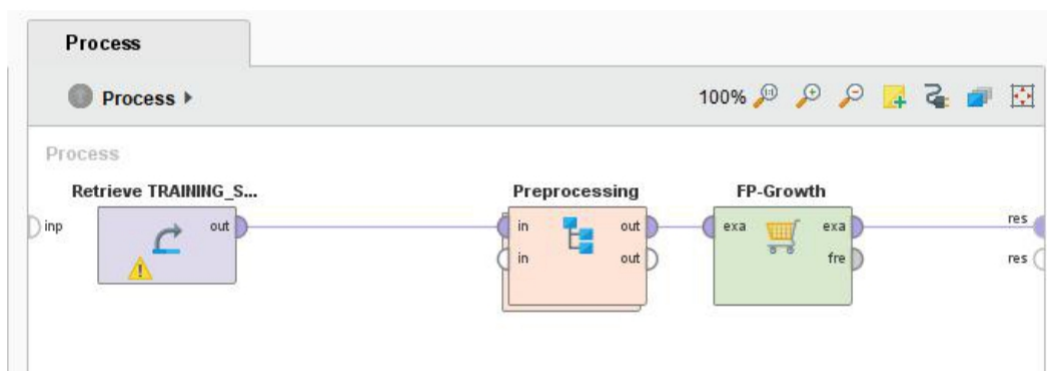
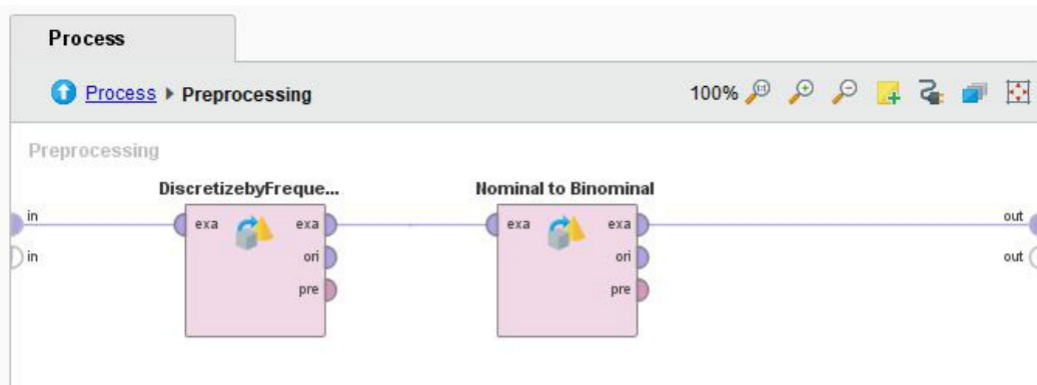
correct: 17 out of 19 training examples.

☒ 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%	





Result History							
FrequentItemSets (FP-Growth)							
AssociationRules (Create Association Rules)							
ExampleSet (Nominal to Binominal)							
Data							
Annotations							
No. of Sets: 55 Total Max. Size: 5 Min. Size: <input type="text" value="1"/> Max. Size: <input type="text" value="5"/> Contains Item: <input type="text"/> <input type="button" value="Update View"/>							
Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5	
1	0.750	Gender					
1	0.500	Jurusan_SMA = IPA					
1	0.300	Asal_Sekolah					
1	0.300	Jurusan_SMA = IPS					
1	0.250	Asisten					
1	0.250	Rerata_SKS					
1	0.200	Jurusan_SMA = L...					
2	0.350	Gender	Jurusan_SMA = IPA				
2	0.250	Gender	Asal_Sekolah				
2	0.250	Gender	Jurusan_SMA = IPS				
2	0.200	Gender	Asisten				
2	0.250	Gender	Rerata_SKS				
2	0.150	Gender	Jurusan_SMA = L...				
2	0.150	Jurusan_SMA = IPA	Asal_Sekolah				
2	0.200	Jurusan_SMA = IPA	Asisten				
2	0.100	Jurusan_SMA = IPA	Rerata_SKS				

FrequentItemSets (FP-Growth)							
AssociationRules (Create Association Rules)							
ExampleSet (Nominal to Binominal)							
No. of Sets: 55 Total Max. Size: 5 Min. Size: <input type="text" value="1"/> Max. Size: <input type="text" value="5"/> Contains Item: <input type="text"/> <input type="button" value="Update View"/>							
Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5	
2	0.100	Asal_Sekolah	Jurusan_SMA = IPS				
2	0.150	Asal_Sekolah	Asisten				
2	0.150	Asal_Sekolah	Rerata_SKS				
2	0.050	Asal_Sekolah	Jurusan_SMA = L...				
2	0.100	Jurusan_SMA = IPS	Rerata_SKS				
2	0.150	Asisten	Rerata_SKS				
2	0.050	Asisten	Jurusan_SMA = L...				
2	0.050	Rerata_SKS	Jurusan_SMA = L...				
3	0.100	Gender	Jurusan_SMA = IPA	Asal_Sekolah			
3	0.150	Gender	Jurusan_SMA = IPA	Asisten			
3	0.100	Gender	Jurusan_SMA = IPA	Rerata_SKS			
3	0.100	Gender	Asal_Sekolah	Jurusan_SMA = IPS			
3	0.100	Gender	Asal_Sekolah	Asisten			
3	0.150	Gender	Asal_Sekolah	Rerata_SKS			
3	0.050	Gender	Asal_Sekolah	Jurusan_SMA = L...			
3	0.100	Gender	Jurusan_SMA = IPS	Rerata_SKS			

No. of Sets: 55							
Total Max. Size: 5							
Min. Size: <input type="text" value="1"/>							
Max. Size: <input type="text" value="5"/>							
Contains Item:							
<input type="text"/>							
<input type="button" value="Update View"/>							
Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5	
3	0.150	Gender	Asisten	Rerata_SKS			
3	0.050	Gender	Asisten	Jurusan_SMA = L...			
3	0.050	Gender	Rerata_SKS	Jurusan_SMA = L...			
3	0.100	Jurusan_SMA = IPA	Asal_Sekolah	Asisten			
3	0.050	Jurusan_SMA = IPA	Asal_Sekolah	Rerata_SKS			
3	0.100	Jurusan_SMA = IPA	Asisten	Rerata_SKS			
3	0.050	Asal_Sekolah	Jurusan_SMA = IPS	Rerata_SKS			
3	0.100	Asal_Sekolah	Asisten	Rerata_SKS			
3	0.050	Asal_Sekolah	Asisten	Jurusan_SMA = L...			
3	0.050	Asal_Sekolah	Rerata_SKS	Jurusan_SMA = L...			
3	0.050	Asisten	Rerata_SKS	Jurusan_SMA = L...			
4	0.050	Gender	Jurusan_SMA = IPA	Asal_Sekolah	Asisten		
4	0.050	Gender	Jurusan_SMA = IPA	Asal_Sekolah	Rerata_SKS		
4	0.100	Gender	Jurusan_SMA = IPA	Asisten	Rerata_SKS		
4	0.050	Gender	Asal_Sekolah	Jurusan_SMA = IPS	Rerata_SKS		
4	0.100	Gender	Asal_Sekolah	Asisten	Rerata_SKS		

No. of Sets: 55							
Total Max. Size: 5							
Min. Size: <input type="text" value="1"/>							
Max. Size: <input type="text" value="5"/>							
Contains Item:							
<input type="text"/>							
<input type="button" value="Update View"/>							
Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5	
3	0.100	Asal_Sekolah	Asisten	Rerata_SKS			
3	0.050	Asal_Sekolah	Asisten	Jurusan_SMA = L...			
3	0.050	Asal_Sekolah	Rerata_SKS	Jurusan_SMA = L...			
3	0.050	Asisten	Rerata_SKS	Jurusan_SMA = L...			
4	0.050	Gender	Jurusan_SMA = IPA	Asal_Sekolah	Asisten		
4	0.050	Gender	Jurusan_SMA = IPA	Asal_Sekolah	Rerata_SKS		
4	0.100	Gender	Jurusan_SMA = IPA	Asisten	Rerata_SKS		
4	0.050	Gender	Asal_Sekolah	Jurusan_SMA = IPS	Rerata_SKS		
4	0.100	Gender	Asal_Sekolah	Asisten	Rerata_SKS		
4	0.050	Gender	Asal_Sekolah	Asisten	Jurusan_SMA = L...		
4	0.050	Gender	Asal_Sekolah	Rerata_SKS	Jurusan_SMA = L...		
4	0.050	Gender	Asisten	Rerata_SKS	Jurusan_SMA = L...		
4	0.050	Jurusan_SMA = IPA	Asal_Sekolah	Asisten	Rerata_SKS		
4	0.050	Asal_Sekolah	Asisten	Rerata_SKS	Jurusan_SMA = L...		
5	0.050	Gender	Jurusan_SMA = IPA	Asal_Sekolah	Asisten	Rerata_SKS	
5	0.050	Gender	Asal_Sekolah	Asisten	Rerata_SKS	Jurusan_SMA = L...	

Show rules matching				
all of these conclusions: ▼				
Gender				
Jurusan_SMA = IPA				
Asal_Sekolah				
Asisten				
Rerata_SKS				
Min. Criterion:				
confidence ▼				
Min. Criterion Value:				
No.	Premises	Conclusion	Support	Confidence
3	Asal_Sekolah	Gender	0.250	0.833
4	Jurusan_SMA = IPS	Gender	0.250	0.833
5	Rerata_SKS	Gender	0.250	1
6	Jurusan_SMA = IPA, Rerata_SKS	Gender	0.100	1
7	Asal_Sekolah, Jurusan_SMA = IPS	Gender	0.100	1
8	Asal_Sekolah, Rerata_SKS	Gender	0.150	1
9	Asal_Sekolah, Jurusan_SMA = LAIN	Gender	0.050	1
10	Jurusan_SMA = IPS, Rerata_SKS	Gender	0.100	1
11	Asisten, Rerata_SKS	Gender	0.150	1
12	Asisten, Jurusan_SMA = LAIN	Gender	0.050	1
13	Rerata_SKS, Jurusan_SMA = LAIN	Gender	0.050	1
14	Jurusan_SMA = IPA, Rerata_SKS	Asisten	0.100	1
15	Asal_Sekolah, Jurusan_SMA = LAIN	Asisten	0.050	1
16	Asisten, Jurusan_SMA = LAIN	Asal_Sekolah	0.050	1
17	Asal_Sekolah, Jurusan_SMA = LAIN	Rerata_SKS	0.050	1
18	Rerata_SKS, Jurusan_SMA = LAIN	Asal_Sekolah	0.050	1

	Support	Confidence	LaPlace	Gain	p-s	Lift	Convicti...
	0.250	0.833	0.962	-0.350	0.025	1.111	1.500
	0.250	0.833	0.962	-0.350	0.025	1.111	1.500
	0.250	1	1	-0.250	0.062	1.333	∞
	0.100	1	1	-0.100	0.025	1.333	∞
	0.100	1	1	-0.100	0.025	1.333	∞
	0.150	1	1	-0.150	0.038	1.333	∞
	0.050	1	1	-0.050	0.012	1.333	∞
	0.100	1	1	-0.100	0.025	1.333	∞
	0.150	1	1	-0.150	0.038	1.333	∞
	0.050	1	1	-0.050	0.012	1.333	∞
	0.050	1	1	-0.050	0.012	1.333	∞
	0.100	1	1	-0.100	0.075	4	∞
	0.050	1	1	-0.050	0.038	4	∞
	0.050	1	1	-0.050	0.035	3.333	∞
	0.050	1	1	-0.050	0.038	4	∞
	0.050	1	1	-0.050	0.035	3.333	∞

