

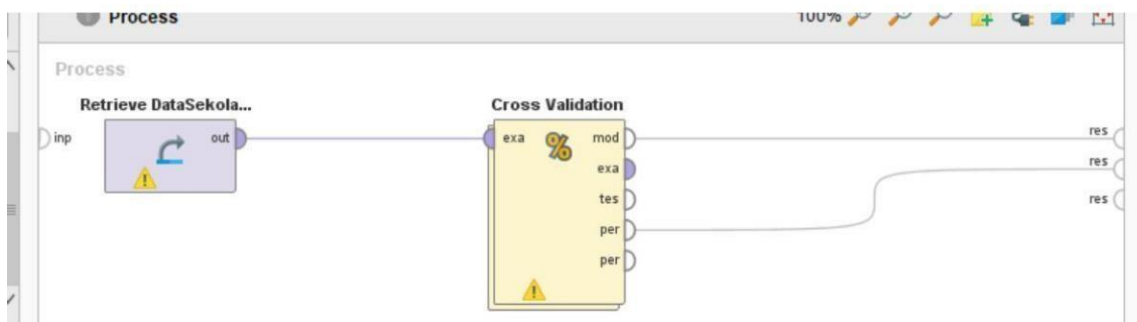
Nama : Kurnia Feby Vidayanto  
NIM : L200170102

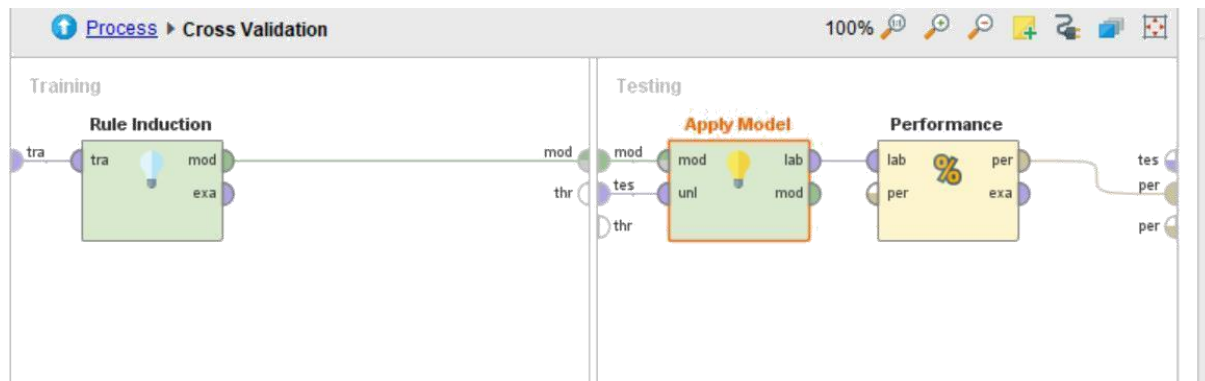
## TUGAS

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

Filter (20 / 20 examples): all

Row No.	Lama_Studi	Jurusan_SMA	Gender	Asal_Sekolah	Rerata_SKS	Asisten
1	TERLAMBAT	IPS	WANITA	SURAKARTA	18	TIDAK
2	TEPAT	IPA	PRIA	SURAKARTA	19	YA
3	TERLAMBAT	LAIN	PRIA	SURAKARTA	19	TIDAK
4	TERLAMBAT	IPA	PRIA	LUAR	17	TIDAK
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





**PerformanceVector (Performance)**

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%	

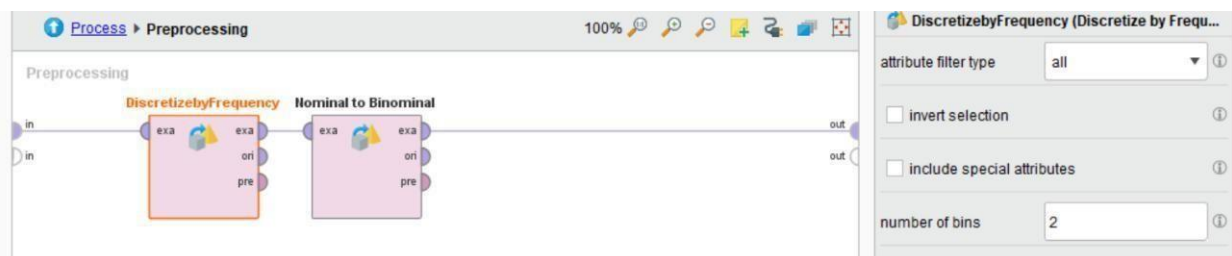
**RuleModel**

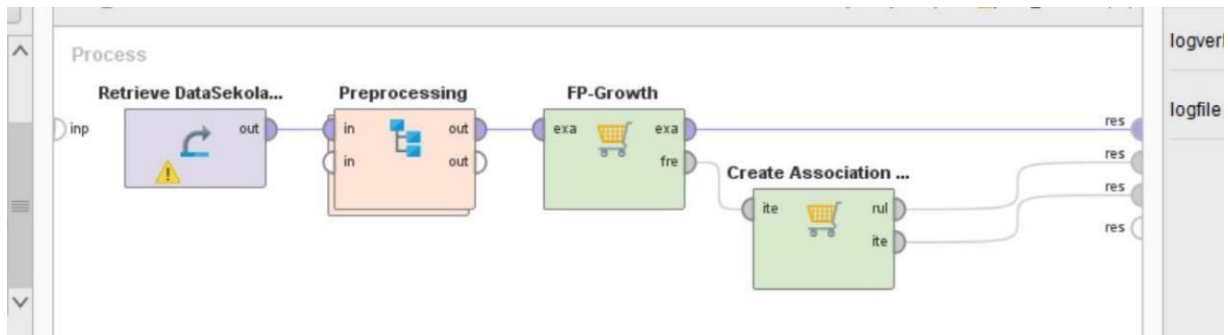
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if Rerata_SKS > 18.500 then TEPAT (2 / 10)
if Gender = PRIA then TERLAMBAT (4 / 0)
if Jurusan_SMA = IPA then TEPAT (0 / 2)
if Jurusan_SMA = IPS then TERLAMBAT (1 / 0)
else TEPAT (0 / 0)

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

Asosiasi data sekolah number of bins = 2





Result History

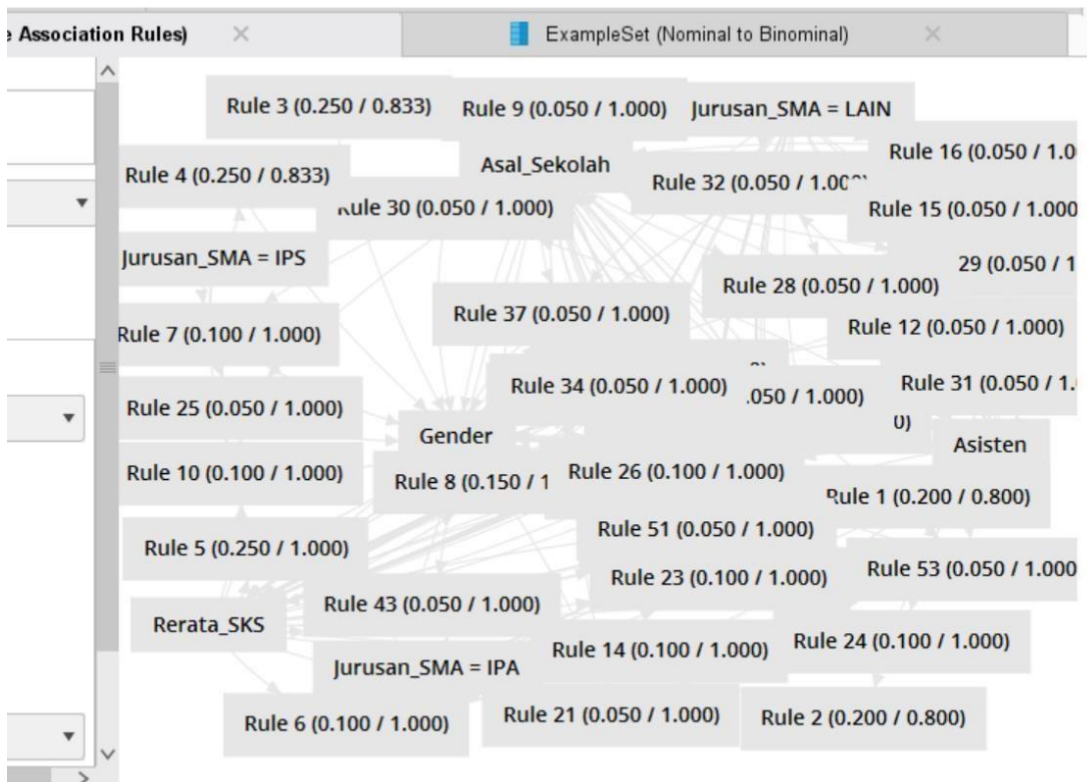
FrequentItemSets (FP-Growth) ×

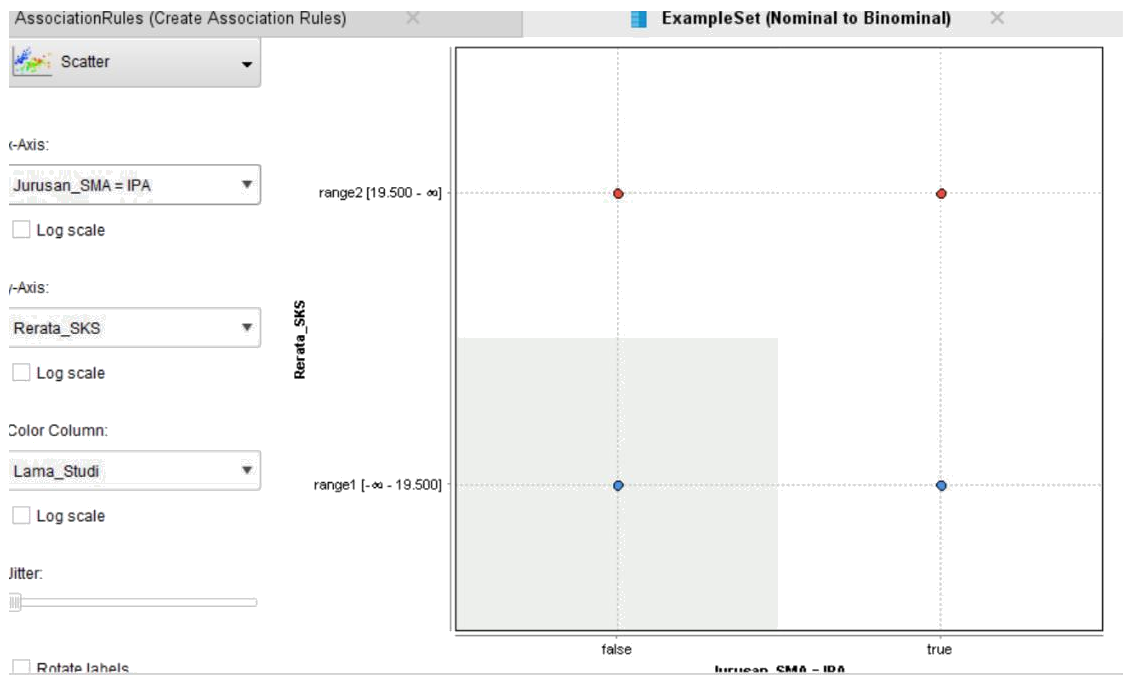
No. of Sets: 55  
Total Max. Size: 5

Min. Size:   
Max. Size:   
Contains Item:

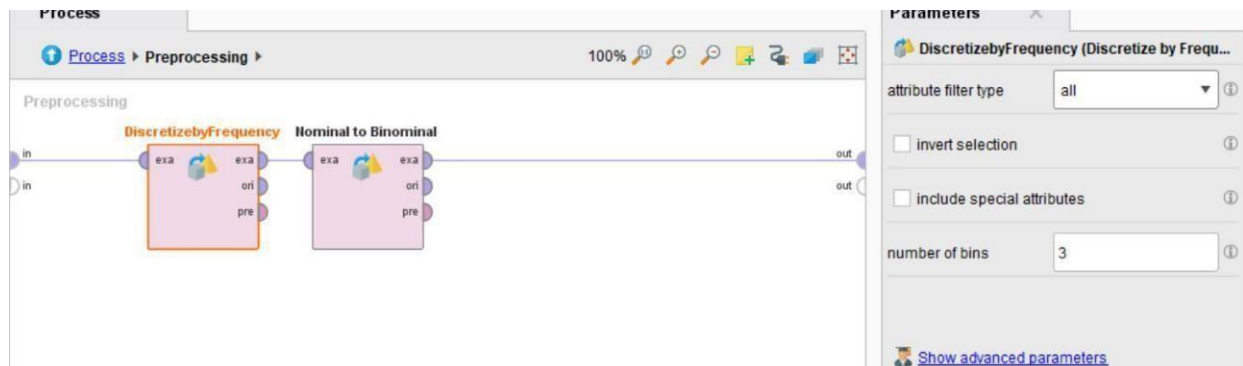
Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.750	Gender				
1	0.500	Jurusan_SMA ...				
1	0.300	Asal_Sekolah				
1	0.300	Jurusan_SMA ...				
1	0.250	Asisten				
1	0.250	Rerata_SKS				
1	0.200	Jurusan_SMA ...				
2	0.350	Gender	Jurusan_SMA ...			
2	0.250	Gender	Asal_Sekolah			
2	0.250	Gender	Jurusan_SMA ...			
2	0.200	Gender	Asisten			
2	0.250	Gender	Rerata_SKS			
2	0.150	Gender	Jurusan_SMA ...			
2	0.150	Jurusan_SMA ...	Asal_Sekolah			

AssociationRules (Create Association Rules)		ExampleSet (Nominal to Binominal)																																										
Show rules matching all of these conclusions: ▼ Gender Jurusan_SMA = IPA Asal_Sekolah Asisten Rerata_SKS  Min. Criterion: confidence ▼ Min. Criterion Value:		<table> <thead> <tr> <th>No.</th><th>Premises</th><th>Conclusion</th></tr> </thead> <tbody> <tr><td>3</td><td>Asal_Sekolah</td><td>Gender</td></tr> <tr><td>4</td><td>Jurusan_SMA = IPS</td><td>Gender</td></tr> <tr><td>5</td><td>Rerata_SKS</td><td>Gender</td></tr> <tr><td>6</td><td>Jurusan_SMA = IPA, Rerata_SKS</td><td>Gender</td></tr> <tr><td>7</td><td>Asal_Sekolah, Jurusan_SMA = IPS</td><td>Gender</td></tr> <tr><td>8</td><td>Asal_Sekolah, Rerata_SKS</td><td>Gender</td></tr> <tr><td>9</td><td>Asal_Sekolah, Jurusan_SMA = LAIN</td><td>Gender</td></tr> <tr><td>10</td><td>Jurusan_SMA = IPS, Rerata_SKS</td><td>Gender</td></tr> <tr><td>11</td><td>Asisten, Rerata_SKS</td><td>Gender</td></tr> <tr><td>12</td><td>Asisten, Jurusan_SMA = LAIN</td><td>Gender</td></tr> <tr><td>13</td><td>Rerata_SKS, Jurusan_SMA = LAIN</td><td>Gender</td></tr> <tr><td>14</td><td>Jurusan_SMA = IPA, Rerata_SKS</td><td>Asisten</td></tr> <tr><td>15</td><td>Asal_Sekolah, Jurusan_SMA = LAIN</td><td>Asisten</td></tr> </tbody> </table>	No.	Premises	Conclusion	3	Asal_Sekolah	Gender	4	Jurusan_SMA = IPS	Gender	5	Rerata_SKS	Gender	6	Jurusan_SMA = IPA, Rerata_SKS	Gender	7	Asal_Sekolah, Jurusan_SMA = IPS	Gender	8	Asal_Sekolah, Rerata_SKS	Gender	9	Asal_Sekolah, Jurusan_SMA = LAIN	Gender	10	Jurusan_SMA = IPS, Rerata_SKS	Gender	11	Asisten, Rerata_SKS	Gender	12	Asisten, Jurusan_SMA = LAIN	Gender	13	Rerata_SKS, Jurusan_SMA = LAIN	Gender	14	Jurusan_SMA = IPA, Rerata_SKS	Asisten	15	Asal_Sekolah, Jurusan_SMA = LAIN	Asisten
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Number of bins = 3



Result History

FrequentItemSets (FP-Growth)

No. of Sets: 85

Total Max. Size: 5

Min. Size:

Max. Size:

Contains Item:

Update View

Size	Support	Item 1	Item 2	Item 3	Item 4	Item 5
1	0.750	Gender				
1	0.500	Jurusan_SMA ...				
1	0.400	Rerata_SKS = ...				
1	0.350	Rerata_SKS = ...				
1	0.300	Asal_Sekolah				
1	0.300	Jurusan_SMA ...				
1	0.250	Asisten				
1	0.250	Rerata_SKS = ...				
1	0.200	Jurusan_SMA ...				
2	0.350	Gender	Jurusan_SMA ...			
2	0.200	Gender	Rerata_SKS = ...			
2	0.300	Gender	Rerata_SKS = ...			
2	0.250	Gender	Asal_Sekolah			
2	0.250	Gender	Jurusan_SMA ...			

Association Rules (Create Association Rules)

ExampleSet (Nominal to Binominal)

Show rules matching

all of these conclusions: ▼

Gender

Jurusan\_SMA = IPA

Asal\_Sekolah

Asisten

Rerata\_SKS = range3 [19.500 - ∞]

Min. Criterion:

confidence ▼

Min. Criterion Value:

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 [19.50...	Gender
8	Rerata_SKS = range2 [18.500 - 19.500], Jurusan_...	Gender
9	Rerata_SKS = range2 [18.500 - 19.500], Asisten	Gender
10	Rerata_SKS = range2 [18.500 - 19.500], Jurusan_...	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 [19.50...	Gender
15	Asisten, Rerata_SKS = range3 [19.500 - ∞]	Gender

