

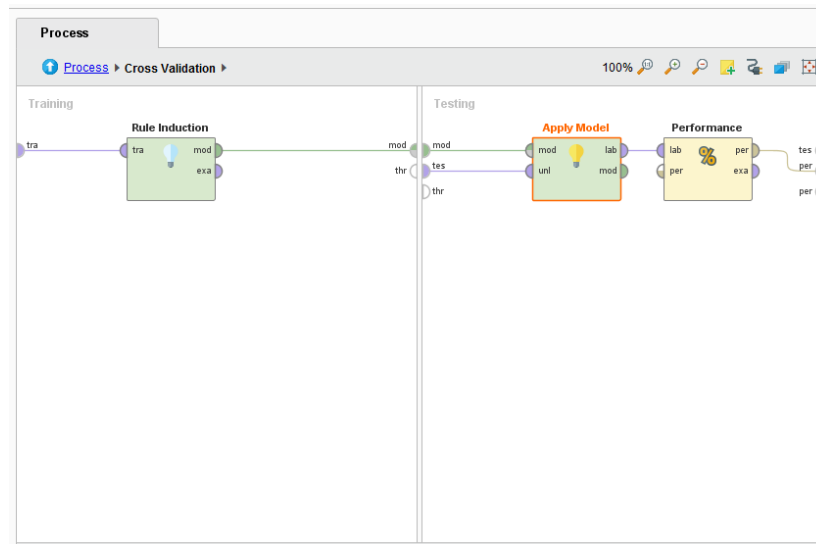
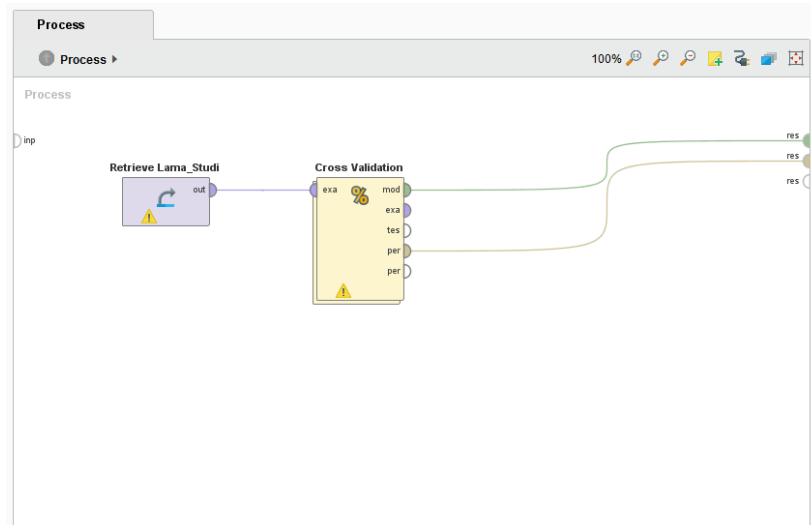
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Modul : 11

TUGAS

1. Rule Model dan Nilai Performance Vector



RuleModel (Rule Induction)

Description

Annotations

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.

```

RuleModel (Rule Induction)

ExampleSet (/Local Repository/Lama_Studi)

Result History

PerformanceVector (Performance)

Criterion

accuracy

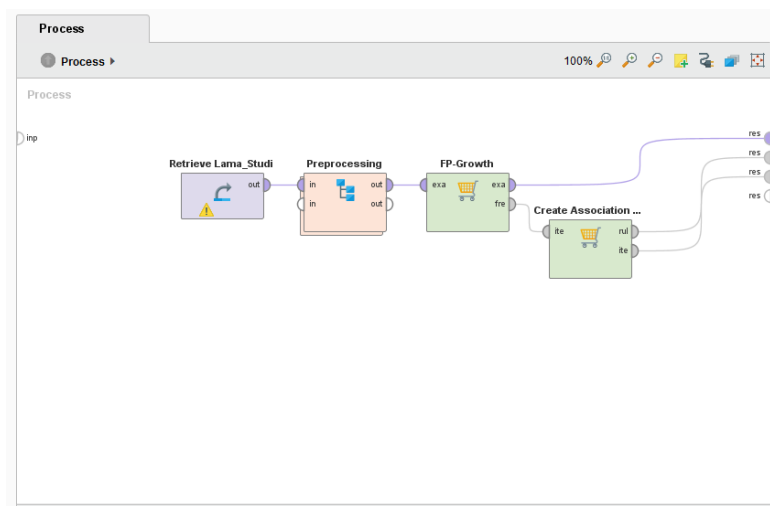
Table View

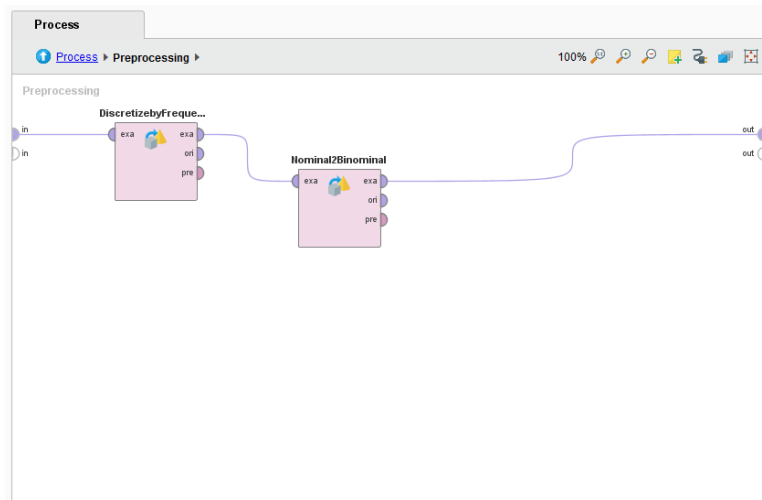
Plot View

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%	

2. Nilai :
- a) *number of bins* = 2





Views: Design Results Turbo Prep Auto Model

ExampleSet (Nominal2Binominal) ExampleSet (/Local Repository/Lama_Studi)

Result History

FrequentItemSets (FP-Growth)

AssociationRules (Create Association Rules)

Data

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			
2	0.200	Jurusan_SMA = ...	Asisten			

Views: Design Results Turbo Prep Auto Model

ExampleSet (Nominal2Binominal) ExampleSet (/Local Repository/Lama_Studi)

Result History FrequentItemSets (FP-Growth) AssociationRules (Create Association Rules)

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
17	Asal_Sekolah, Jurusan_SMA = LAIN	Rerata_SKS	0.050
19	Asisten, Jurusan_SMA = LAIN	Rerata_SKS	0.050
26	Gender, Asal_Sekolah, Asisten	Rerata_SKS	0.100
33	Asal_Sekolah, Jurusan_SMA = LAIN	Gender, Rerata_SKS	0.050
34	Gender, Asal_Sekolah, Jurusan_SMA = LAIN	Rerata_SKS	0.050
38	Asisten, Jurusan_SMA = LAIN	Gender, Rerata_SKS	0.050
39	Gender, Asisten, Jurusan_SMA = LAIN	Rerata_SKS	0.050
44	Asal_Sekolah, Jurusan_SMA = LAIN	Asisten, Rerata_SKS	0.050
45	Asisten, Jurusan_SMA = LAIN	Asal_Sekolah, Rerata_SKS	0.050
46	Asal_Sekolah, Asisten, Jurusan_SMA = LAIN	Rerata_SKS	0.050
50	Gender, Jurusan_SMA = IPA, Asal_Sekolah, Asisten	Rerata_SKS	0.050
54	Asal_Sekolah, Jurusan_SMA = LAIN	Gender, Asisten, Rerata_SKS	0.050
55	Gender, Asal_Sekolah, Jurusan_SMA = LAIN	Asisten, Rerata_SKS	0.050
56	Asisten, Jurusan_SMA = LAIN	Gender, Asal_Sekolah, Rerata_SKS	0.050
57	Gender, Asisten, Jurusan_SMA = LAIN	Asal_Sekolah, Rerata_SKS	0.050

ExampleSet (Nominal2Binominal) ExampleSet (/Local Repository/Lama_Studi)

Result History FrequentItemSets (FP-Growth) AssociationRules (Create Association Rules)

Zoom

ISOM

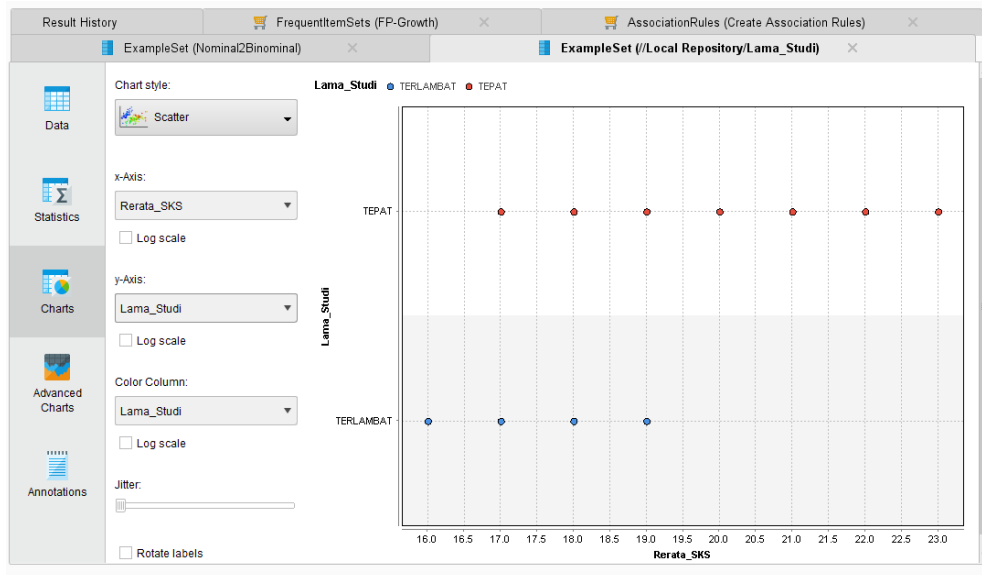
☒ Node Labels
☐ Edge Labels

Filter
Show rules matching
all of these conclusions:

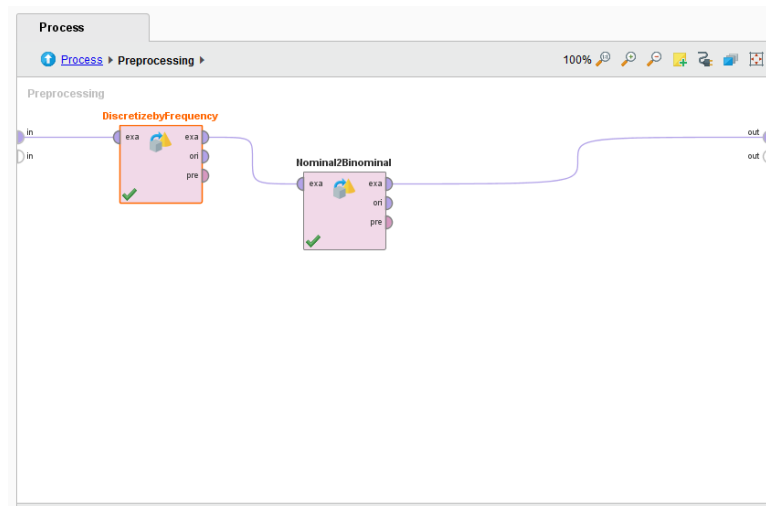
Gender
Jurusan_SMA = IPA
Asal_Sekolah
Asisten
Rerata_SKS

Min. Criterion:
confidence

Min. Criterion Value:



b) *number of bins* = 3



ExampleSet (Nominal2Binominal)

ExampleSet (/Local Repository/Lama_Studi)

Result History

FrequentItemSets (FP-Growth)

AssociationRules (Create Association Rules)

Data

Annotations

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 = r...				
1	0.350	Rerata_SKS = r...				
1	0.300	Asal_Sekolah				
1	0.300	Jurusan_SMA = ...				
1	0.250	Asisten				
1	0.250	Rerata_SKS = r...				
1	0.200	Jurusan_SMA = ...				
2	0.350	Gender	Jurusan_SMA = ...			
2	0.200	Gender	Rerata_SKS = r...			
2	0.300	Gender	Rerata_SKS = r...			
2	0.250	Gender	Asal_Sekolah			
2	0.250	Gender	Jurusan_SMA = ...			
2	0.200	Gender	Asisten			

ExampleSet (Nominal2Binominal)

ExampleSet (/Local Repository/Lama_Studi)

Result History

FrequentItemSets (FP-Growth)

AssociationRules (Create Association Rules)

Data

Graph

Description

Annotations

Show rules matching

all of these conclusions:

Gender

Jurusan_SMA = IPA

Asal_Sekolah

Asisten

Rerata_SKS = range3 [19.500 - ∞]

The item 'Rerata_SKS = range3 [19.500 - ∞]'

Min. Criterion: confidence

Min. Criterion Value:

No.	Premises	Conclusion	Support
3	Asal_Sekolah	Gender	0.250
4	Jurusan_SMA = IPS	Gender	0.250
5	Rerata_SKS = range2 [18.500 - 19.500]	Gender	0.300
6	Rerata_SKS = range3 [19.500 - ∞]	Gender	0.250
7	Jurusan_SMA = IPA, Rerata_SKS = range3 [19.500 - ∞]	Gender	0.100
8	Rerata_SKS = range2 [18.500 - 19.500], Jurusan_...	Gender	0.100
9	Rerata_SKS = range2 [18.500 - 19.500], Asisten	Gender	0.050
10	Rerata_SKS = range2 [18.500 - 19.500], Jurusan_...	Gender	0.050
11	Asal_Sekolah, Jurusan_SMA = IPS	Gender	0.100
12	Asal_Sekolah, Rerata_SKS = range3 [19.500 - ∞]	Gender	0.150
13	Asal_Sekolah, Jurusan_SMA = LAIN	Gender	0.050
	Jurusan_SMA = IPS, Rerata_SKS = range3 [19.500 - ∞]	Gender	0.100
15	Asisten, Rerata_SKS = range3 [19.500 - ∞]	Gender	0.150
16	Asisten, Jurusan_SMA = LAIN	Gender	0.050
17	Rerata_SKS = range3 [19.500 - ∞], Jurusan_SMA = ...	Gender	0.050

