

Laporan Praktikum

DWDM

Modul 11

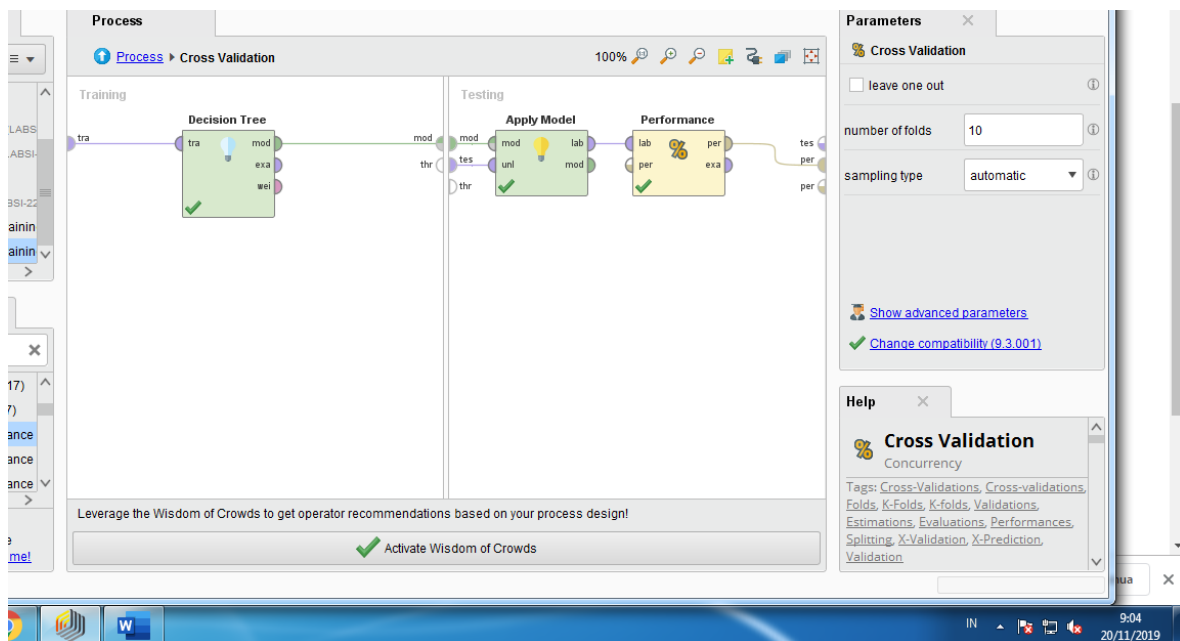
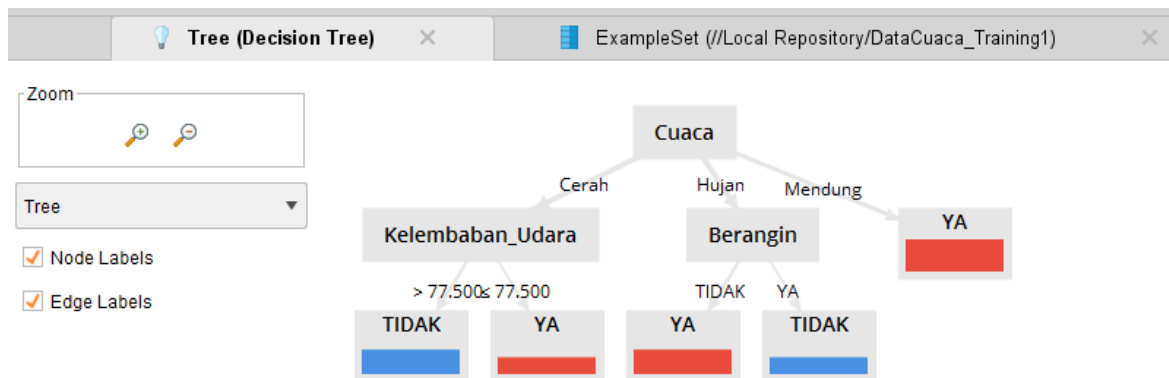


Nama : Bagus Nuril Anam

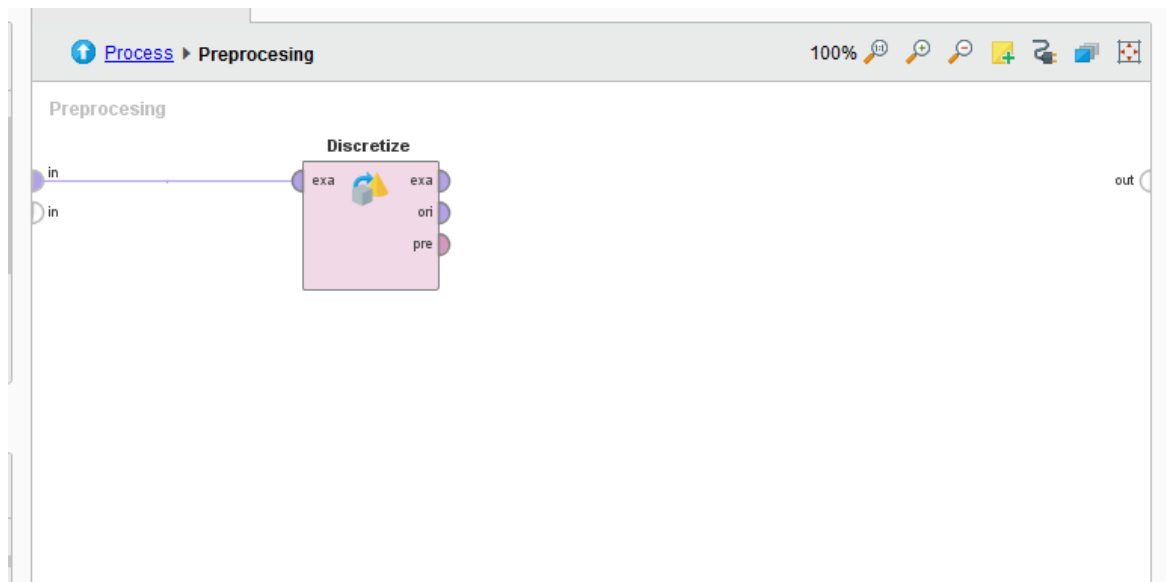
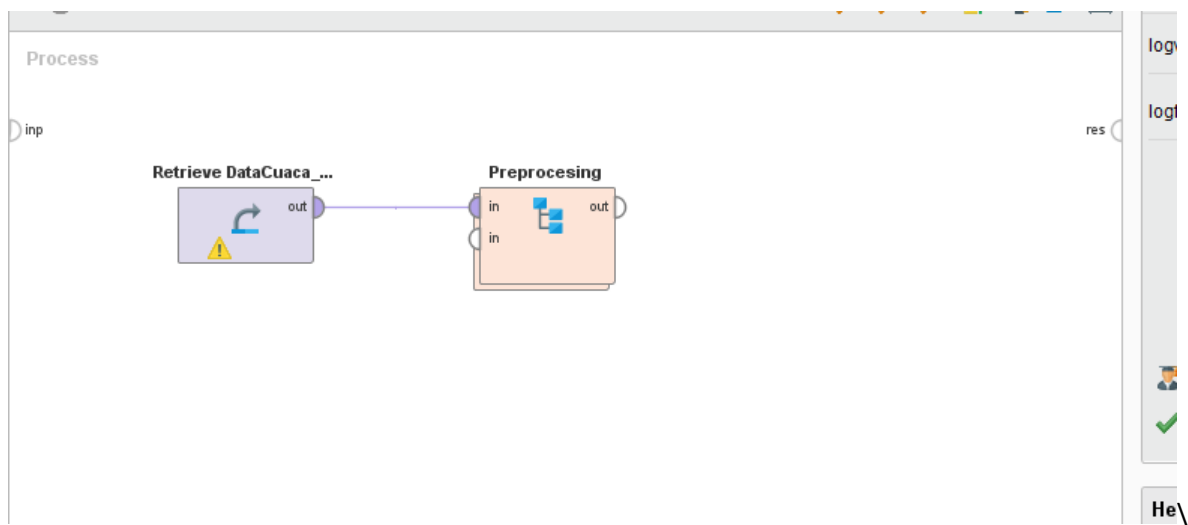
NIM : L200170006

Kelas : A

11.4.1



11.4.2



File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Find

Repository

- Import Data
- Training Resources
- Community Samples
- Samples
- DB (Legacy)
- Local Repository (LABSI)
 - Connections (LABSI-22)
 - data (LABSI-22)

Operators

nominal

- Numerical to Polynomial
- Nominal to Binominal
- Nominal to Text
- Nominal to Numerical

We found "Edda - Extensions for Binominal..." in the Marketplace. [Show more](#)

Process

Process > Preprocessing

100%

Preprocessing

in in

Discretize

exa ori pre

Nominal to Binominal

exa ori pre

out out

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Process

Process >

100%

Process

inp

Retrieve DataCuaca_...

out

Preprocessing

in in out out

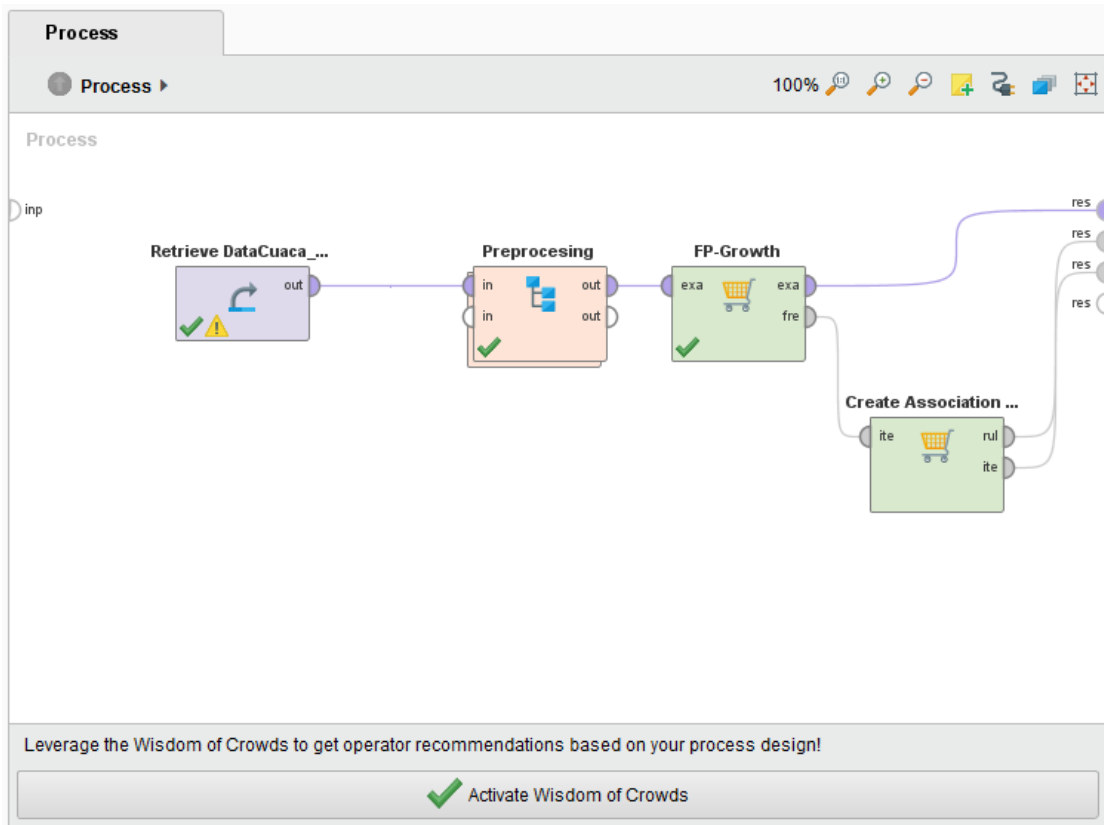
FP-Growth

exa exa fre

res res

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds



File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

Import Data

Training Resources (connected)

Community Samples (connected)

Samples

DB (Legacy)

Local Repository (LABSI-22)

Connections (LABSI-22)

data (LABSI-22)

processes (LABSI-22)

DataCuaca_Training (LABSI-22 - v)

DataCuaca_Training1 (LABSI-22)

Result History

ExampleSet (Nominal to Binominal)

ExampleSet (/Local Repository/DataCuaca_Training)

ExampleSet (/Local Repository/DataCuaca_Training1)

FrequentItemSets (FP-Growth)

AssociationRules (Create Association Rules)

No. of Sets: 26

Total Max. Size: 4

Min. Size: 1

Max. Size: 4

Contains Item:

Update View

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		

9:22 20/11/2019

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

Training Resources (connected)

Community Samples (connected)

Samples

DB (Legacy)

Local Repository (LABSI-22)

Connections (LABSI-22)

data (LABSI-22)

processes (LABSI-22)

DataCuaca_Training (LABSI-22 - v1, 11/20/19 8:57)

DataCuaca_Training1 (LABSI-22 - v1, 11/20/19 9:0)



AssociationRules (Create Association Rules)

ExampleSet (Nominal to Binominal)

Show rules matching

all of these conclusions: ▼

Suhu

Cuaca = Cerah

	Support	Confidence	LaPlace	Gain	p-s	Lift	Convicti...
	0.143	1	1	-0.143	0.092	2.800	∞
	0.143	1	1	-0.143	0.082	2.333	∞
	0.071	1	1	-0.071	0.046	2.800	∞
	0.071	1	1	-0.071	0.041	2.333	∞

Min. Criterion:

confidence ▼

Min. Criterion Value:

Training Resources (connected)

Community Samples (connected)

Samples

DB (Legacy)

Local Repository (LABSI-22)

Connections (LABSI-22)

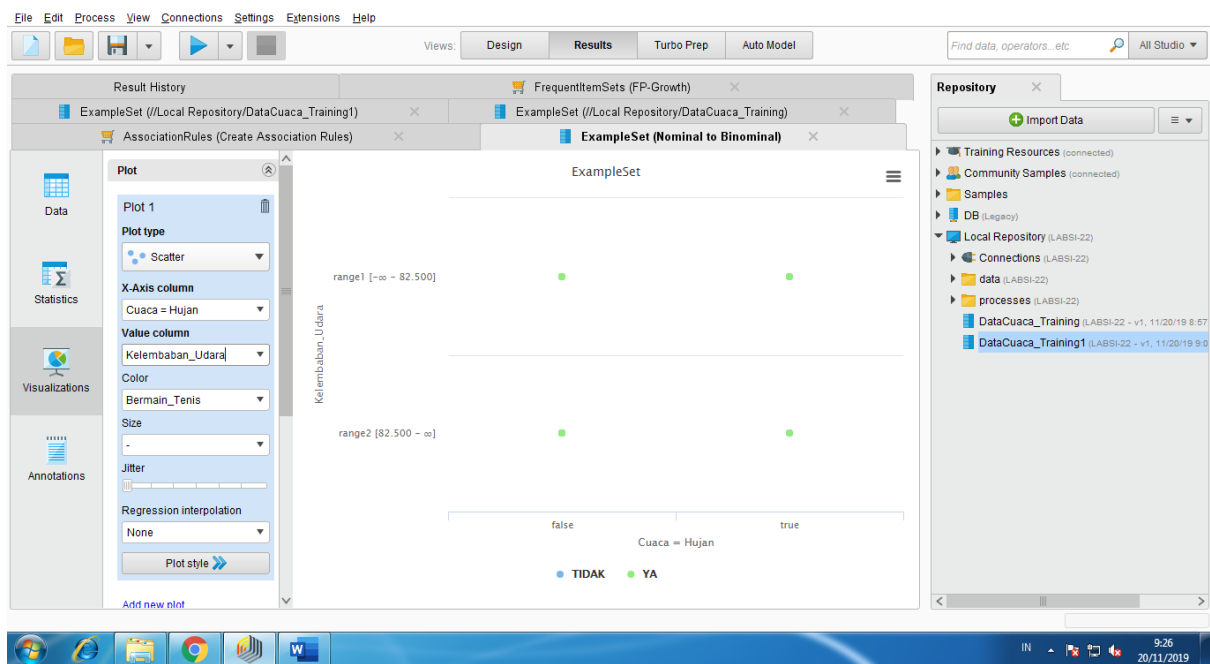
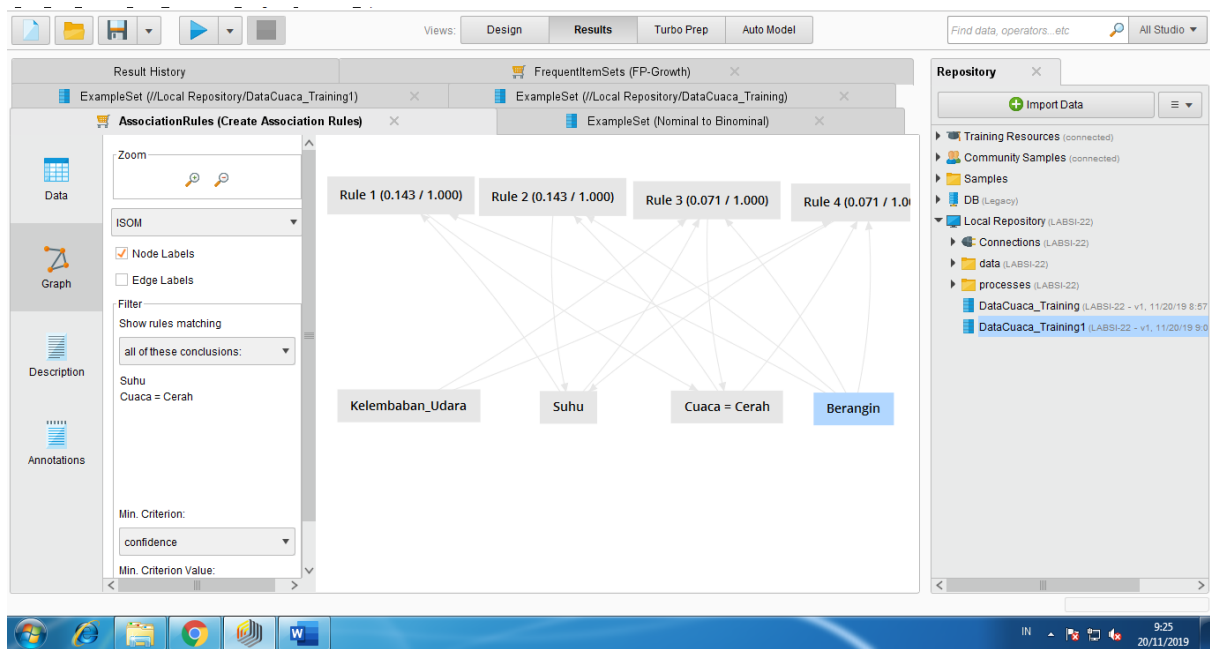
data (LABSI-22)

processes (LABSI-22)

DataCuaca_Training (LABSI-22 - v1, 11/20/19 8:57)

DataCuaca_Training1 (LABSI-22 - v1, 11/20/19 9:0)





RuleModel

```
if Kelembapan_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.

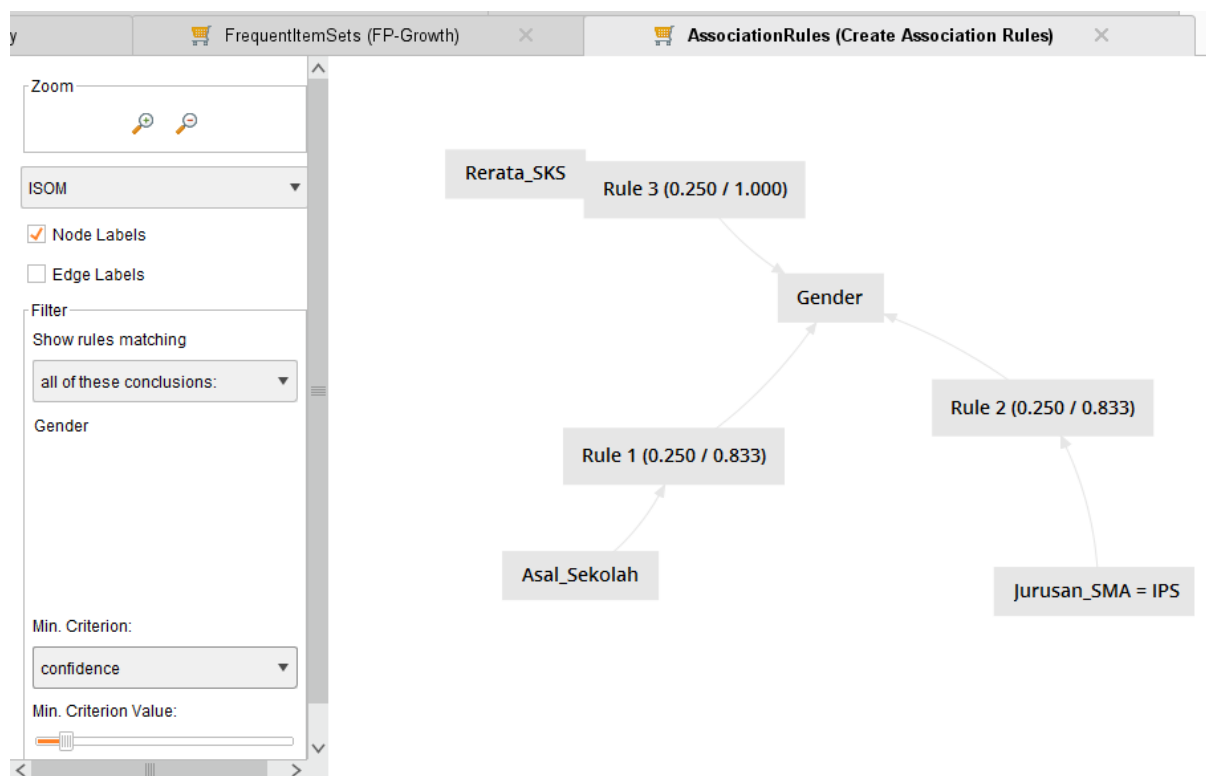
Tugas

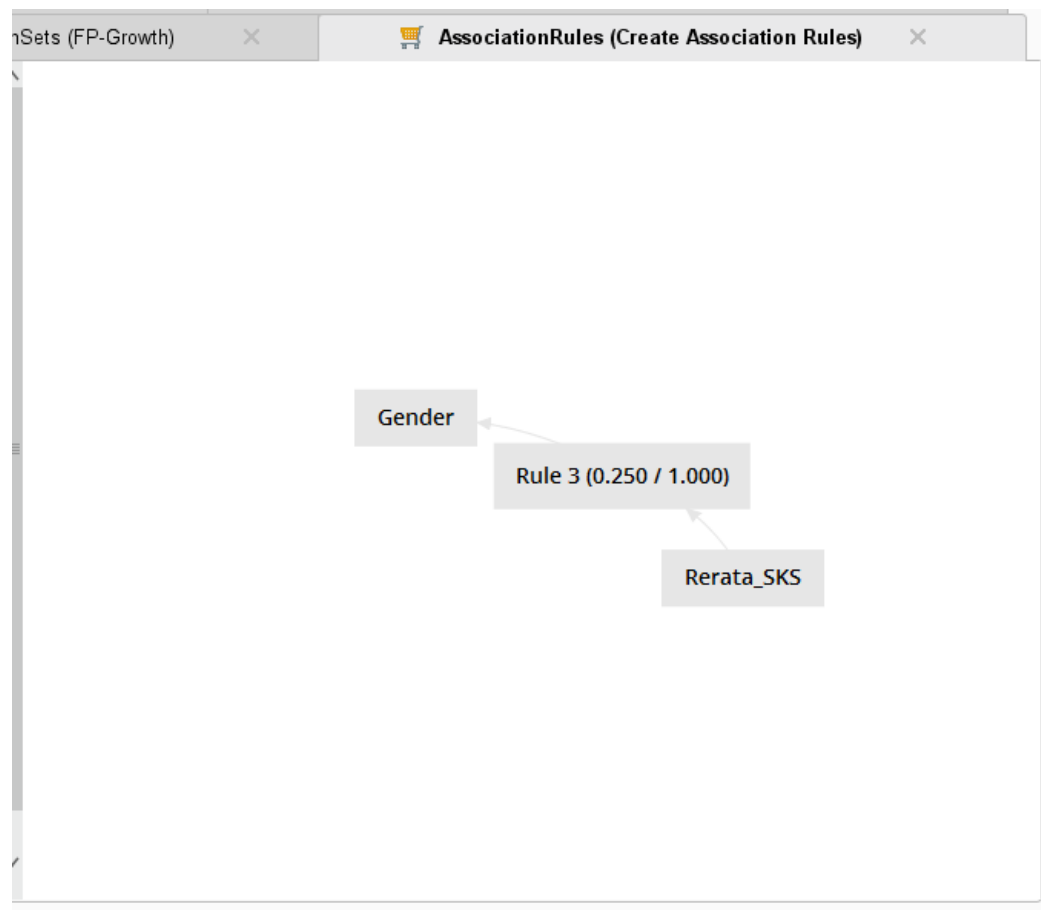
RuleModel

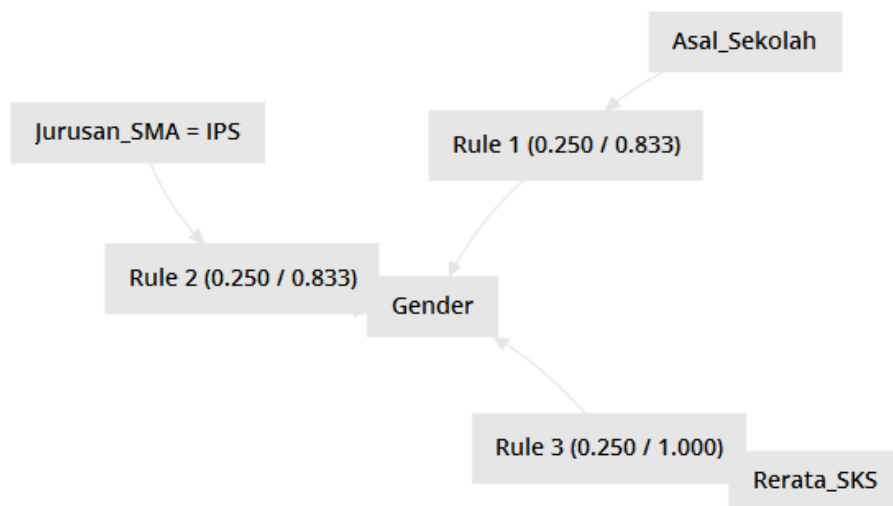
```
if Rerata_SKS > 18.500 then TEPAT (2 / 10)
if Gender = PRIA then TERLAMBAT (4 / 0)
if Jurusan_SMA = IPA then TEPAT (0 / 2)
if Jurusan_SMA = IPS then TERLAMBAT (1 / 0)
else TEPAT (0 / 0)
```

correct: 17 out of 19 training examples.

FrequentItemSets (FP-Growth)		AssociationRules (Create Association Rules)		
. of Sets: 13 al Max. Size: 2 i. Size: <input type="text" value="1"/> x. Size: <input type="text" value="2"/> ntains Item: nnotations of the data <input type="button" value="Update View"/>	Size	Support	Item 1	Item 2
	1	0.750	Gender	
	1	0.500	Jurusan_SMA = IPA	
	1	0.400	Rerata_SKS = range1 [-∞ - 1...	
	1	0.350	Rerata_SKS = range2 [18.50...	
	1	0.300	Asal_Sekolah	
	1	0.300	Jurusan_SMA = IPS	
	1	0.250	Asisten	
	1	0.250	Rerata_SKS = range3 [19.50...	
	2	0.350	Gender	Jurusan_SMA = IPA
	2	0.300	Gender	Rerata_SKS = range2 [18.50...
	2	0.250	Gender	Asal_Sekolah
	2	0.250	Gender	Jurusan_SMA = IPS
	2	0.250	Gender	Rerata_SKS = range3 [19.50...







Sets (FP-Growth)



AssociationRules (Create Association Rules)

