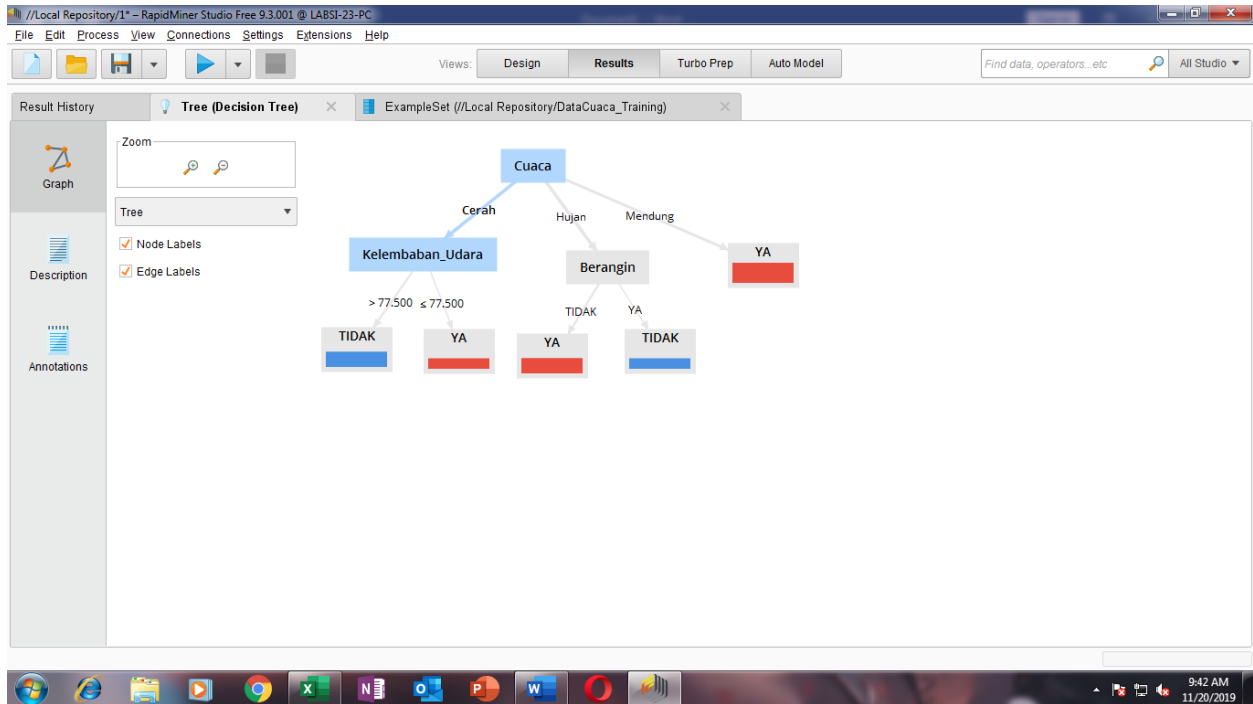


Nama : Sidiq Zainudin

NIM : L200170058

Kelas : C

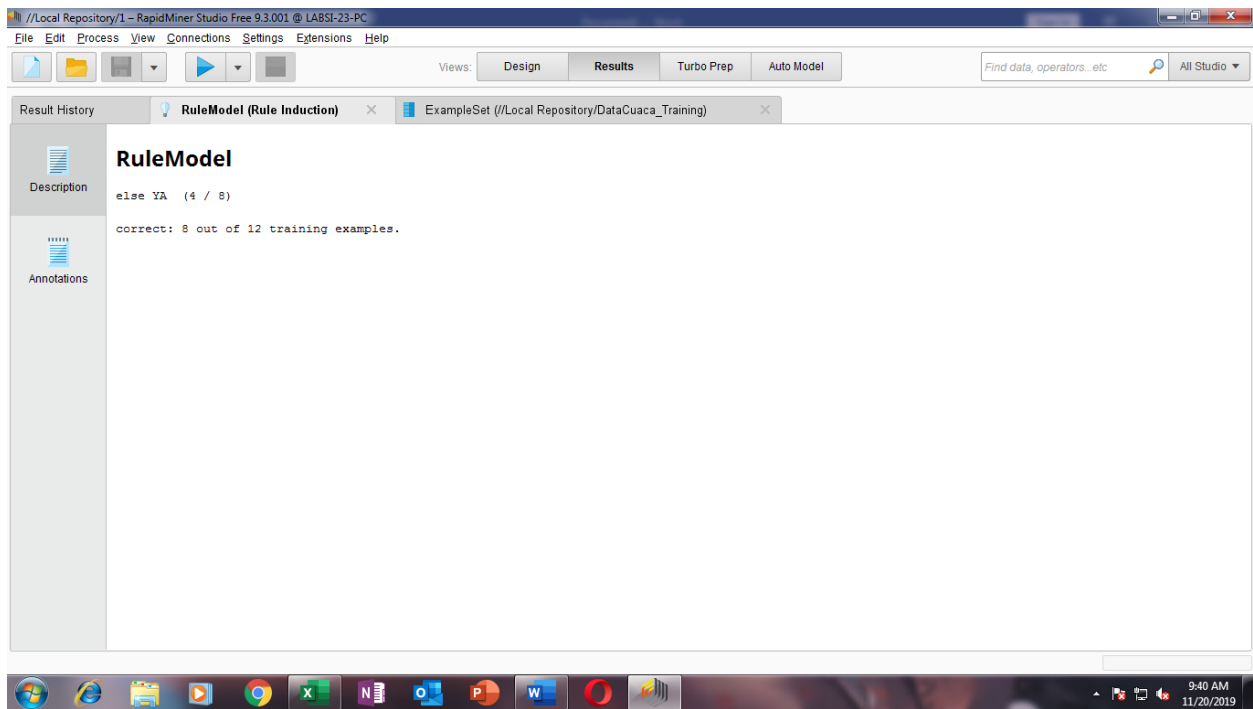
1.



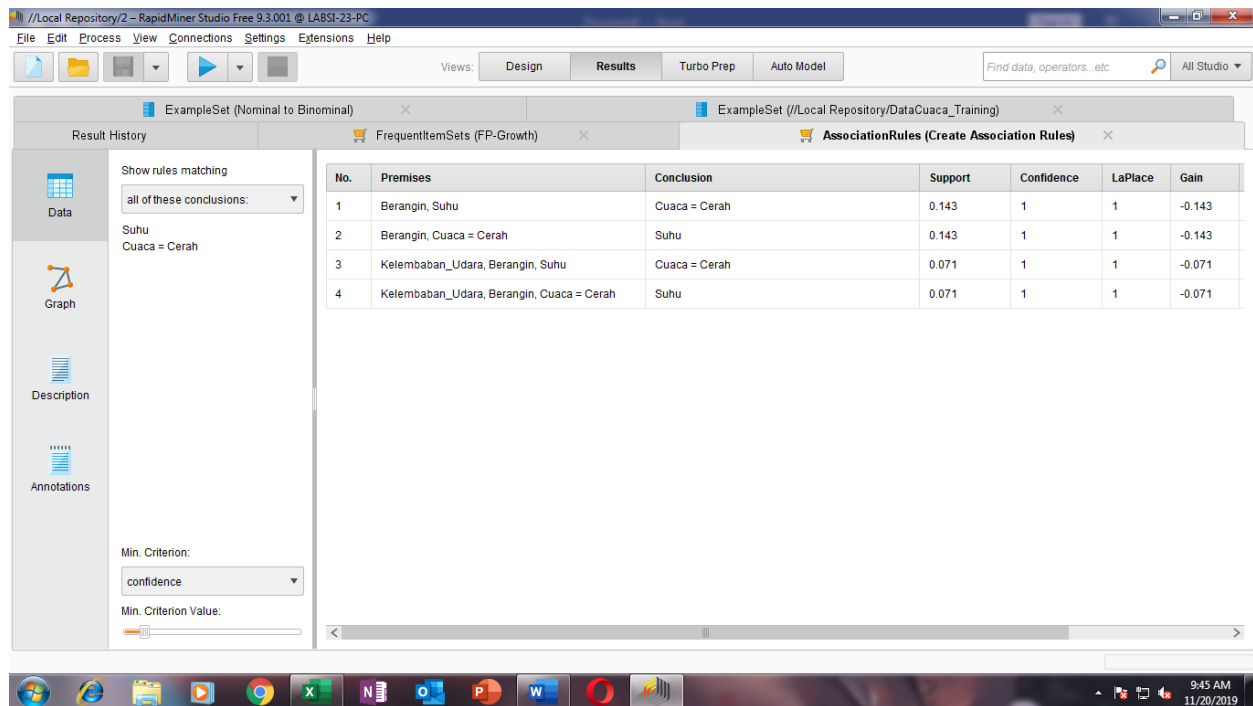
The screenshot displays the 'Data' view of the ExampleSet in RapidMiner Studio. The data is presented in a table with 14 rows and 6 columns. The 'Bermain_Te...' column is highlighted in green, indicating it is the target variable.

Row No.	Bermain_Te...	Cuaca	Suhu	Kelembaban...	Berangin
1	TIDAK	Cerah	85	85	TIDAK
2	TIDAK	Cerah	80	90	YA
3	YA	Mendung	83	86	TIDAK
4	YA	Hujan	70	96	TIDAK
5	YA	Hujan	68	80	TIDAK
6	TIDAK	Hujan	65	70	YA
7	YA	Mendung	64	65	YA
8	TIDAK	Cerah	72	95	TIDAK
9	YA	Cerah	69	70	TIDAK
10	YA	Hujan	75	80	TIDAK
11	YA	Cerah	75	70	YA
12	YA	Mendung	72	90	YA
13	YA	Mendung	81	75	TIDAK
14	TIDAK	Hujan	71	91	YA

ExampleSet (14 examples, 1 special attribute, 4 regular attributes)



1.



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File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Find data, operators...etc All Studio

ExampleSet (Nominal to Binominal) ExampleSet (Local Repository/DataCuaca_Training)

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

Data Annotations

No. of Sets: 26
Total Max. Size: 4
Min. Size: 1
Max. Size: 4
Contains Item:
Update View

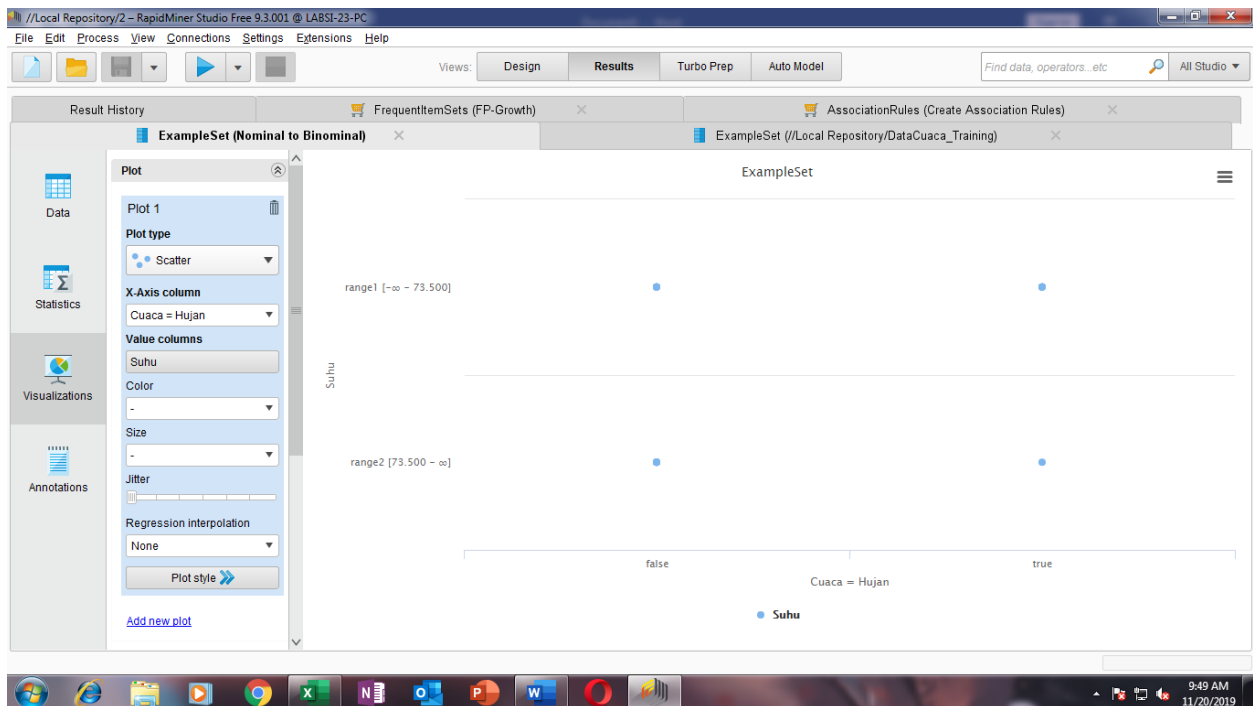
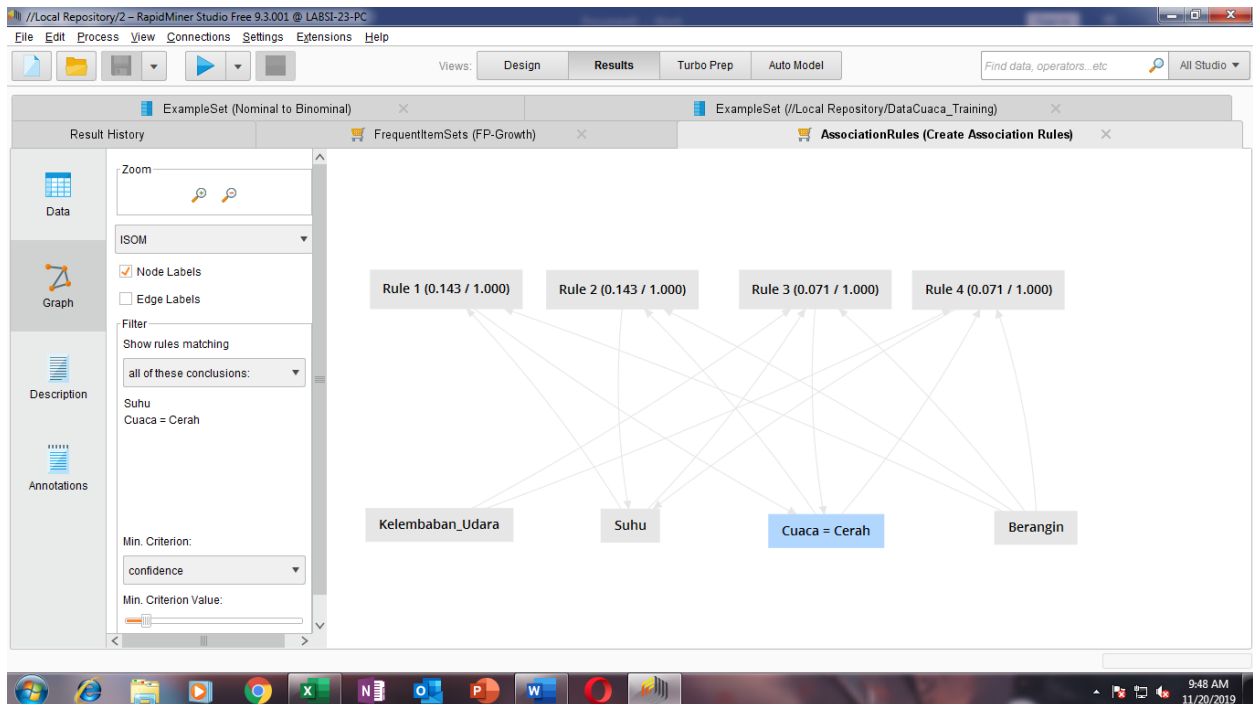
Size	Support	Item 1	Item 2	Item 3	Item 4
1	0.500	Kelembaban_Udara			
1	0.429	Berangin			
1	0.429	Suhu			
1	0.357	Cuaca = Cerah			
1	0.357	Cuaca = Hujan			
1	0.286	Cuaca = Mendung			
2	0.214	Kelembaban_Udara	Berangin		
2	0.214	Kelembaban_Udara	Suhu		
2	0.214	Kelembaban_Udara	Cuaca = Cerah		
2	0.143	Kelembaban_Udara	Cuaca = Hujan		
2	0.143	Kelembaban_Udara	Cuaca = Mendung		
2	0.143	Berangin	Suhu		
2	0.143	Berangin	Cuaca = Cerah		
2	0.143	Berangin	Cuaca = Hujan		
2	0.143	Berangin	Cuaca = Mendung		

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Update View

2	0.214	Suhu	Cuaca = Cerah		
2	0.071	Suhu	Cuaca = Hujan		
2	0.143	Suhu	Cuaca = Mendung		
3	0.071	Kelembaban_Udara	Berangin	Suhu	
3	0.071	Kelembaban_Udara	Berangin	Cuaca = Cerah	
3	0.071	Kelembaban_Udara	Berangin	Cuaca = Hujan	
3	0.071	Kelembaban_Udara	Berangin	Cuaca = Mendung	
3	0.143	Kelembaban_Udara	Suhu	Cuaca = Cerah	
3	0.071	Kelembaban_Udara	Suhu	Cuaca = Mendung	
3	0.143	Berangin	Suhu	Cuaca = Cerah	
4	0.071	Kelembaban_Udara	Berangin	Suhu	Cuaca = Cerah

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Tugas 1

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File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Find data, operators...etc All Studio

Result History RuleModel (Rule Induction) ExampleSet (/Local Repository/DataCuaca_Training)

RuleModel

Description

```
if Asisten = VA then TEPAT (0 / 5)
if Rerata_Sekolah > 19.500 then TEPAT (0 / 2)
else TERLAMBAT (6 / 5)

correct: 13 out of 18 training examples.
```

Annotations

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File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Find data, operators...etc All Studio

Result History PerformanceVector (Performance) RuleModel (Rule Induction)

Criterion accuracy

Table View Plot View

accuracy: 60.00% +/- 31.62% (micro average: 60.00%)

	true TERLAMBAT	true TEPAT	class precision
pred. TERLAMBAT	0	1	0.00%
pred. TEPAT	7	12	63.16%
class recall	0.00%	92.31%	

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Tugas 2

A number bin 2

Local Repository/tugas 2.1 - RapidMiner Studio Free 9.3.001 @ LABSI-23-PC

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators...etc All Studio

Result History FrequentItemSets (FP-Growth) AssociationRules (Create Association Rules) ExampleSet (Nominal to Binominal)

No. of Sets: 13
Total Max. Size: 2

Min. Size: 1
Max. Size: 2
Contains Item:
Update View

Size	Support	Item 1	Item 2
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_Sekolah	
1	0.200	Jurusan_SMA = LAIN	
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_Sekolah
2	0.200	Jurusan_SMA = IPA	Asisten

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Local Repository/tugas 2.1 - RapidMiner Studio Free 9.3.001 @ LABSI-23-PC

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

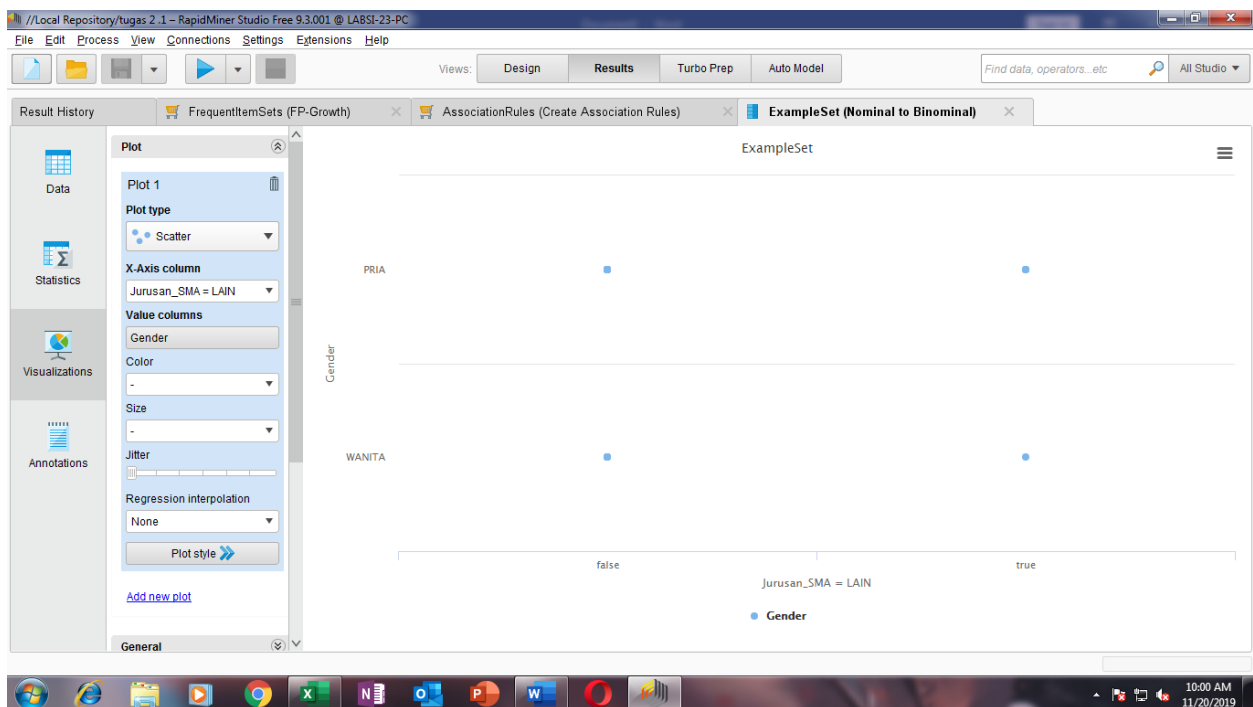
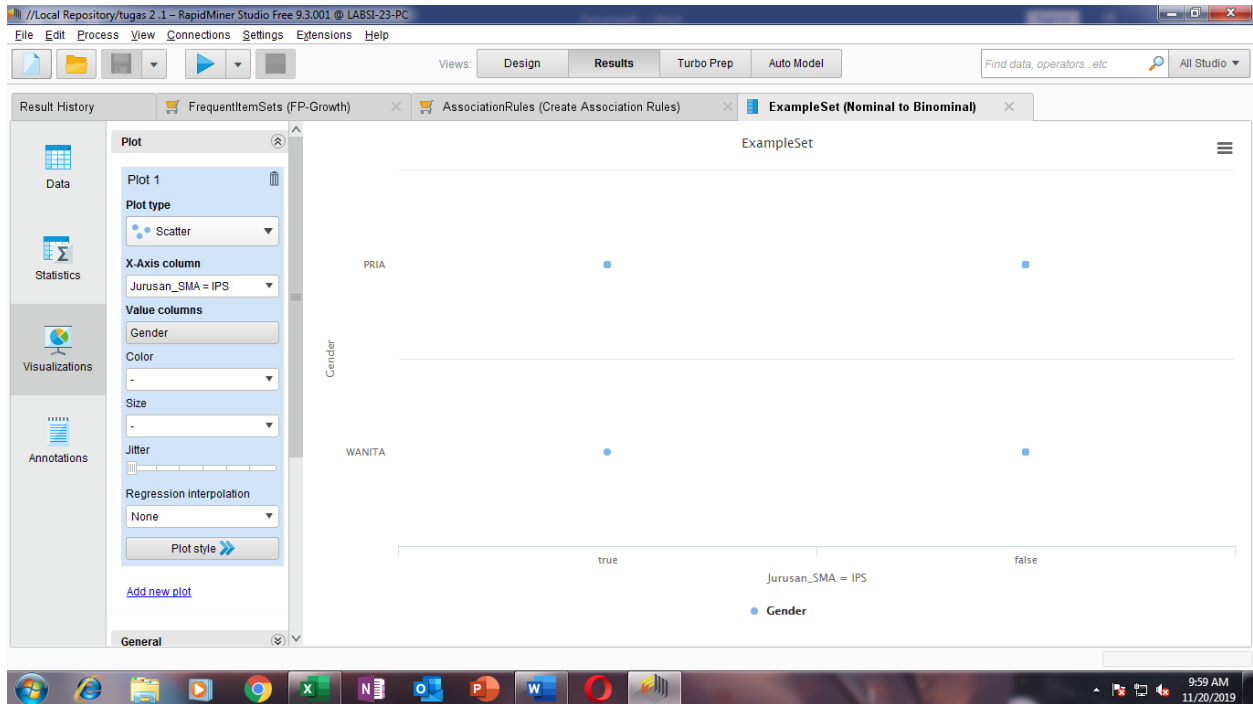
Find data, operators...etc All Studio

Result History FrequentItemSets (FP-Growth) AssociationRules (Create Association Rules) ExampleSet (Nominal to Binominal)

Show rules matching
all of these conclusions: Gender
Jurusan_SMA = IPA

No.	Premises	Conclusion	Support	Confidence	LaPlace	Gain	p-s
3	Asal_Sekolah	Gender	0.250	0.833	0.962	-0.350	0.025
4	Jurusan_SMA = IPS	Gender	0.250	0.833	0.962	-0.350	0.025
5	Rerata_Sekolah	Gender	0.250	1	1	-0.250	0.062

p-s	Lift	Convicti...
0.025	1.111	1.500
0.025	1.111	1.500
0.062	1.333	∞



Tugas 2

B number 3

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File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

AssociationRules (Create Association Rules) ExampleSet (Nominal to Binominal) PerformanceVector (Performance)

Result History FrequentItemSets (FP-Growth)

No. of Sets: 19
Total Max. Size: 2

Min. Size: 1
Max. Size: 2
Contains Item:
Update View

Size	Support	Item 1	Item 2
1	0.750	Gender	
1	0.500	Jurusan_SMA = IPA	
1	0.400	Rerata_Sekolah = range1 [-∞ - 18.500]	
1	0.350	Rerata_Sekolah = range2 [18.500 - 19.500]	
1	0.300	Asal_Sekolah	
1	0.300	Jurusan_SMA = IPS	
1	0.250	Asisten	
1	0.250	Rerata_Sekolah = range3 [19.500 - ∞]	
1	0.200	Jurusan_SMA = LAIN	
2	0.350	Gender	Jurusan_SMA = IPA
2	0.200	Gender	Rerata_Sekolah = range1 [-∞ - 18.500]
2	0.300	Gender	Rerata_Sekolah = range2 [18.500 - 19.500]
2	0.250	Gender	Asal_Sekolah
2	0.250	Gender	Jurusan_SMA = IPS
2	0.200	Gender	Asisten

Sending statistics

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2	0.250	Gender	Rerata_Sekolah = range3 [19.500 - ∞]
2	0.200	Jurusan_SMA = IPA	Rerata_Sekolah = range1 [-∞ - 18.500]
2	0.200	Jurusan_SMA = IPA	Rerata_Sekolah = range2 [18.500 - 19.500]
2	0.200	Jurusan_SMA = IPA	Asisten

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File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators...etc All Studio

Result History

AssociationRules (Create Association Rules)

ExampleSet (Nominal to Binominal)

PerformanceVector (Performance)

Show rules matching

all of these conclusions:

Gender

Jurusan_SMA = IPA

Min. Criterion:

confidence

Min. Criterion Value:

No.	Premises	Conclusion	Support	Confidence	LaPlace	Gain	p-s
3	Asal_Sekolah	Gender	0.250	0.833	0.962	-0.350	0.025
4	Jurusan_SMA = IPS	Gender	0.250	0.833	0.962	-0.350	0.025
5	Rerata_Sekolah = range2 [18.500 - 19.500]	Gender	0.300	0.857	0.963	-0.400	0.038
6	Rerata_Sekolah = range3 [19.500 - ∞]	Gender	0.250	1	1	-0.250	0.062

Min. Criterion:

confidence

Min. Criterion Value:

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11/20/2019

All Studio

Lift	Convicti...
1.111	1.500
1.111	1.500
1.143	1.750
1.333	∞

