

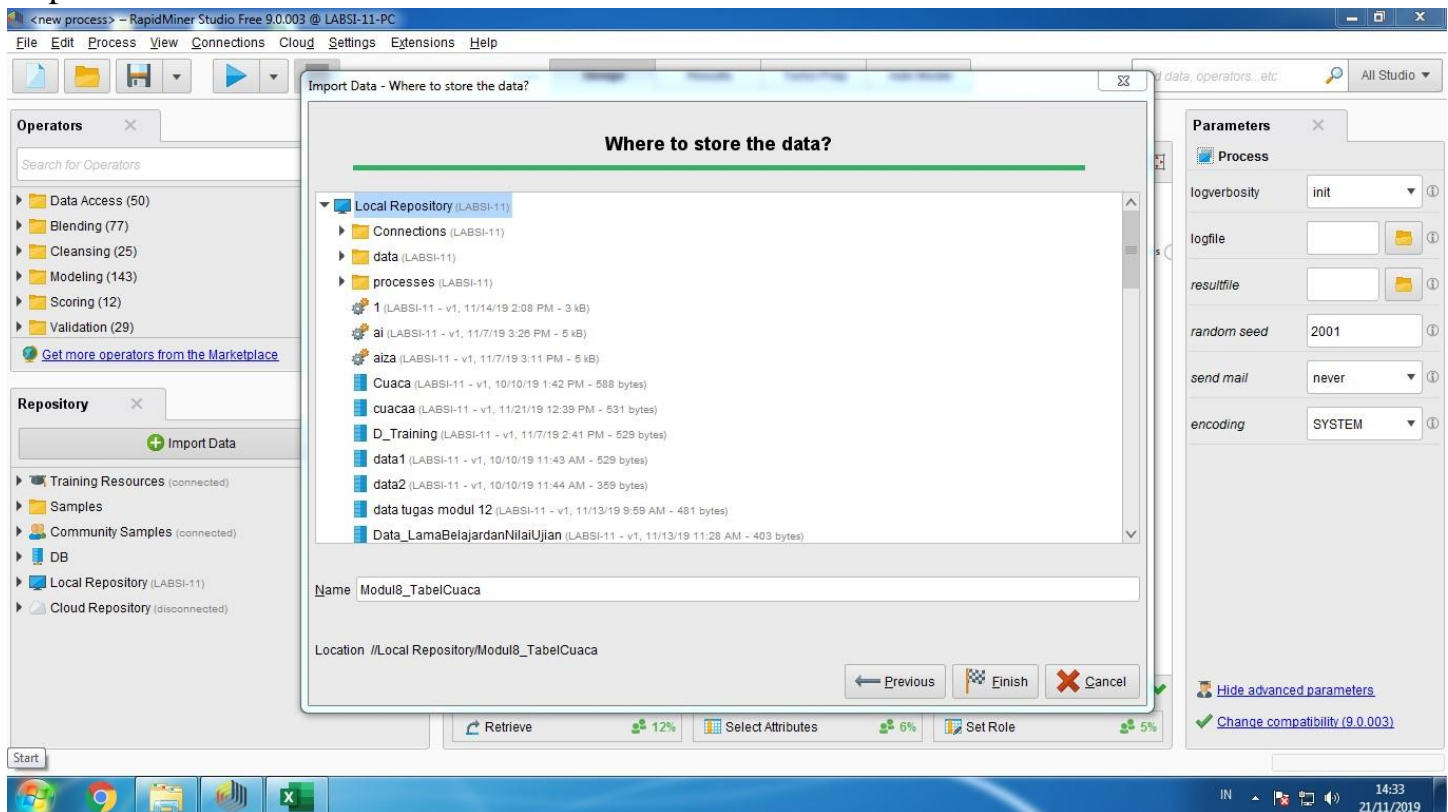
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NIM : L200170142
Kelas : F

Modul 11

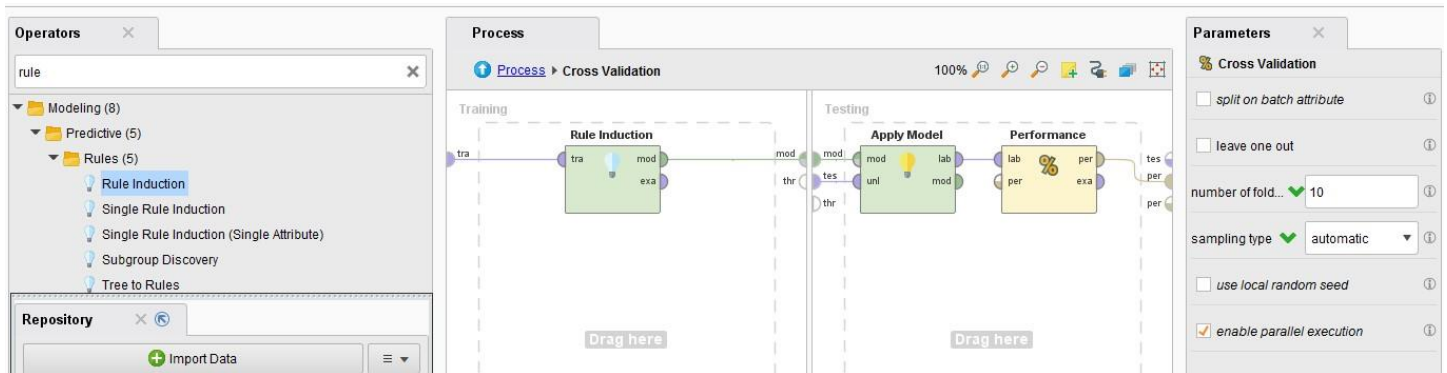
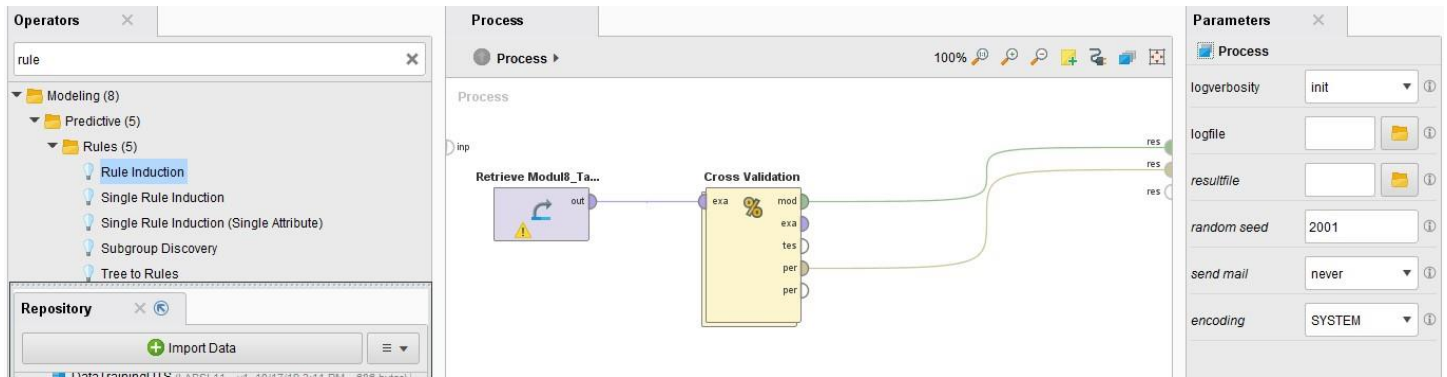
Induksi dan Aturan Asosiasi

Percobaan (Induksi)

- Import file



- Mengatur design



- Hasilnya

1. RuleModel (Rule Induction)

2. Performance Vector

RapidMiner Studio Free 9.0.003 @ LABSI-11-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators...etc

Result History

PerformanceVector (Performance) x RuleModel (Rule Induction) x ExampleSet (//Local Repository/Modu8_TabelCuaca) x

Criterion: accuracy

Table View Plot View

accuracy: 65.00% +/- 45.00% (micro average: 71.43%)

	true TIDAK	true YA	class precision
pred. TIDAK	2	1	66.67%
pred. YA	3	8	72.73%
class recall	40.00%	88.89%	

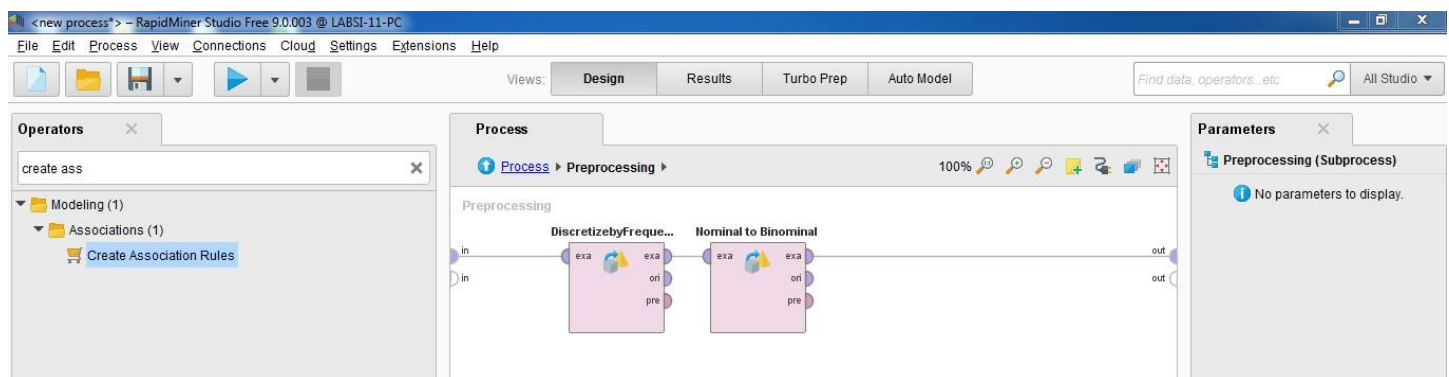
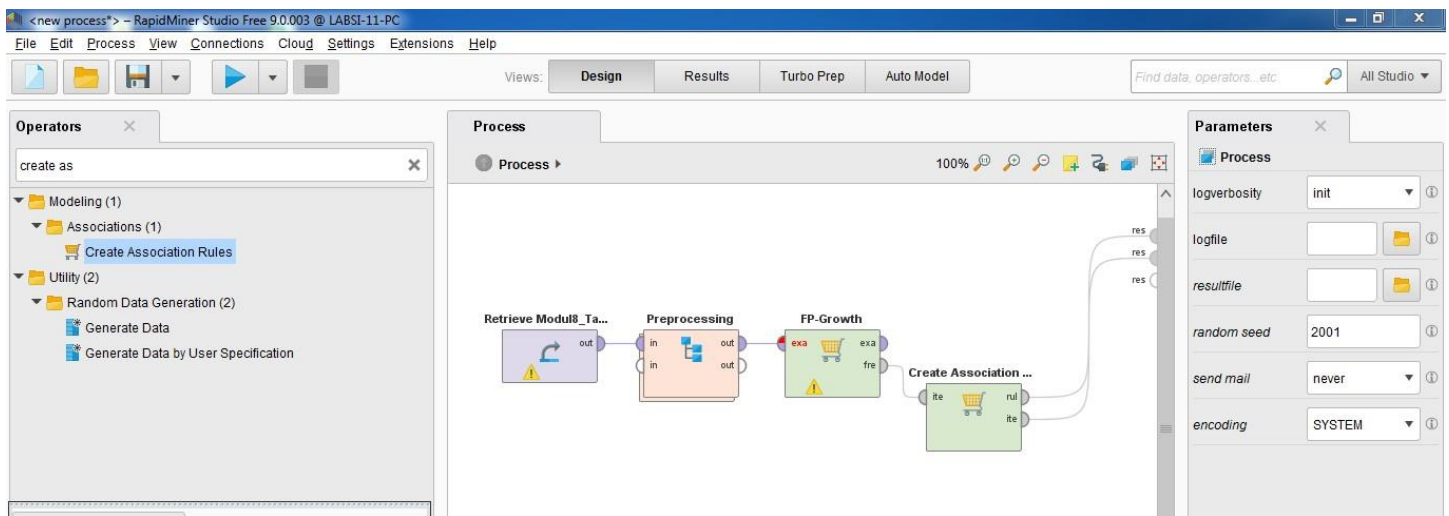
Performance

Description

Annotations

Percobaan (Aturan Asosiasi)

- Design



- Hasil
- 1. FP-Growth

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

ExampleSet (//Local Repository/Modul8_TabelCuaca) x

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

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		

2. Association Rules (table view)

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

ExampleSet (//Local Repository/Modul8_TabelCuaca) x

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

Data

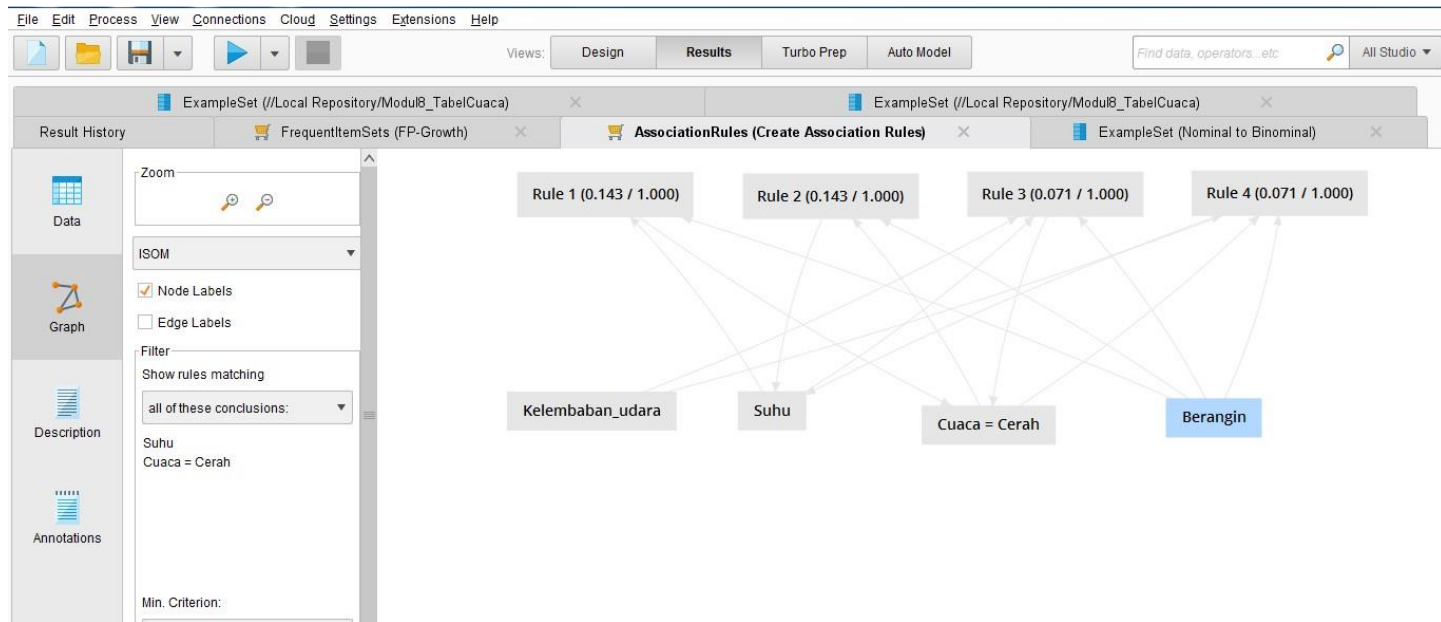
Graph

Description

Show rules matching
all of these conclusions: Suhu
Cuaca = Cerah

Premises	Conclusion	Support	Confidence	LaPlace	Gain	p-s
Berangin, Suhu	Cuaca = Cerah	0.143	1	1	-0.143	0.092
Berangin, Cuaca = Cerah	Suhu	0.143	1	1	-0.143	0.082
Kelembaban_udara, Berangin, Suhu	Cuaca = Cerah	0.071	1	1	-0.071	0.046
Kelembaban_udara, Berangin, Cuaca = Cerah	Suhu	0.071	1	1	-0.071	0.041

3. Association Rules (Graph View)



4. Example Set

