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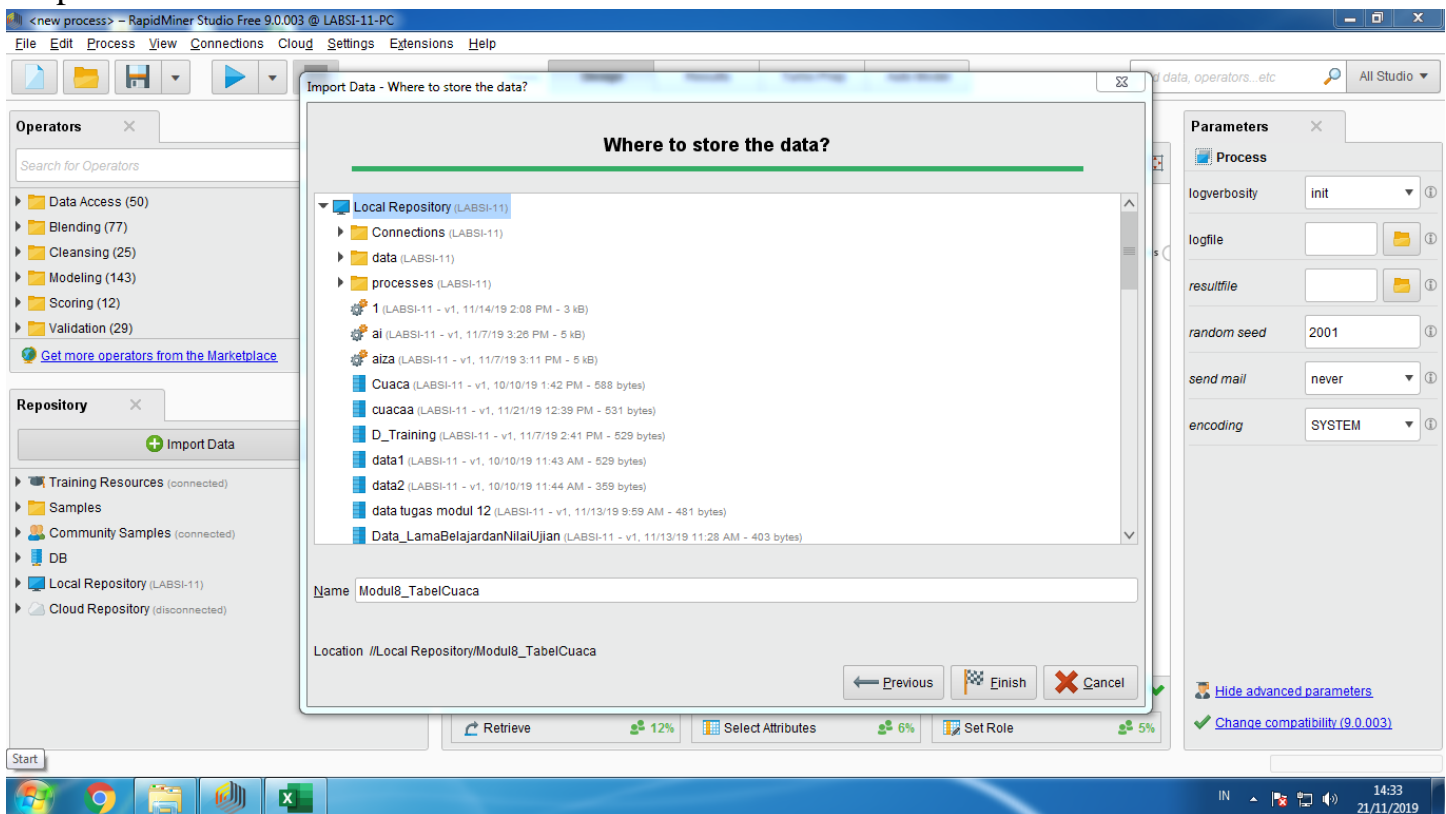
Kelas : F

Modul 11

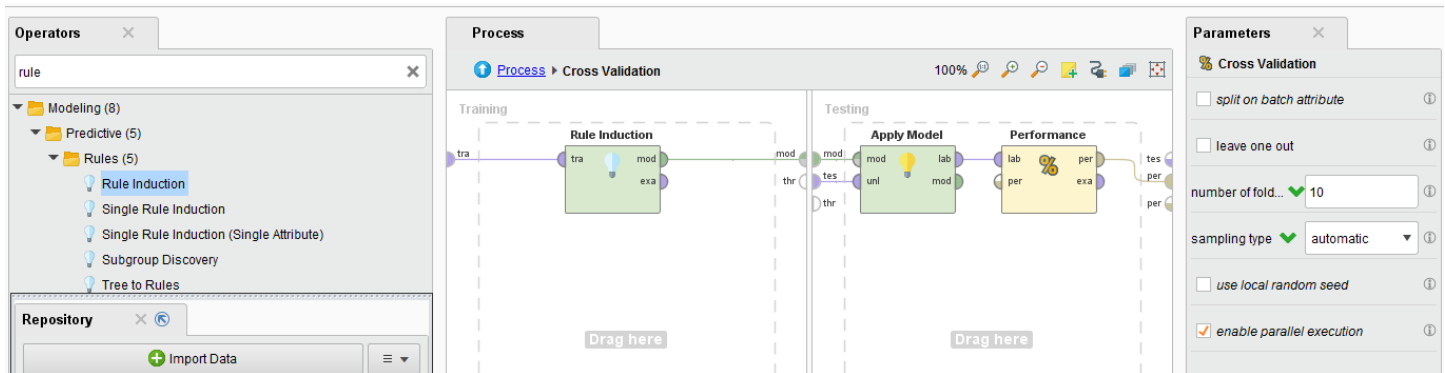
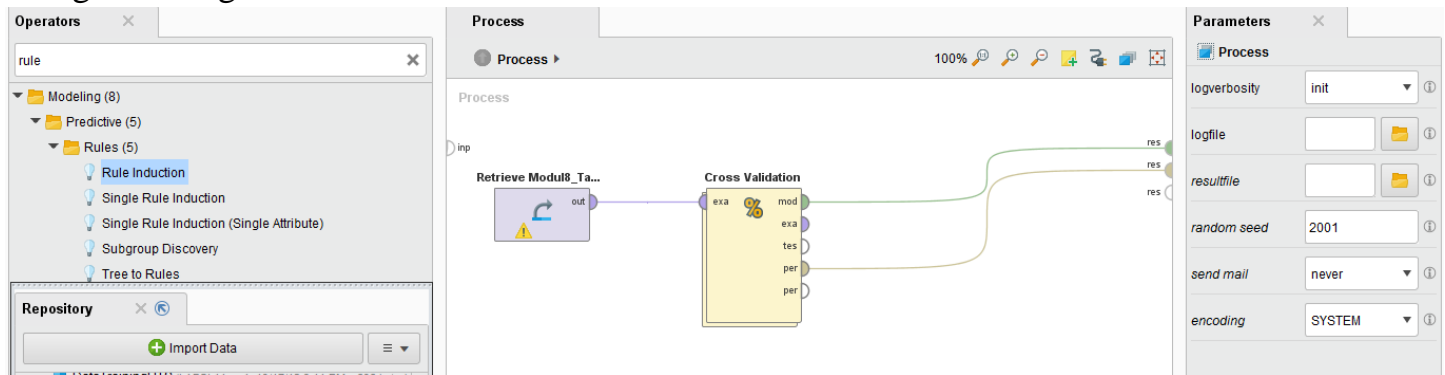
Induksi dan Aturan Asosiasi

Percobaan (Induksi)

- Import file



- Mengatur design



- Hasilnya

1. RuleModel (Rule Induction)

<new process*> - 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 All Studio

Result History PerformanceVector (Performance) RuleModel (Rule Induction) ExampleSet (/Local Repository/Modul8_TabelCuaca)

RuleModel

Description

```

if Kelembaban_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)

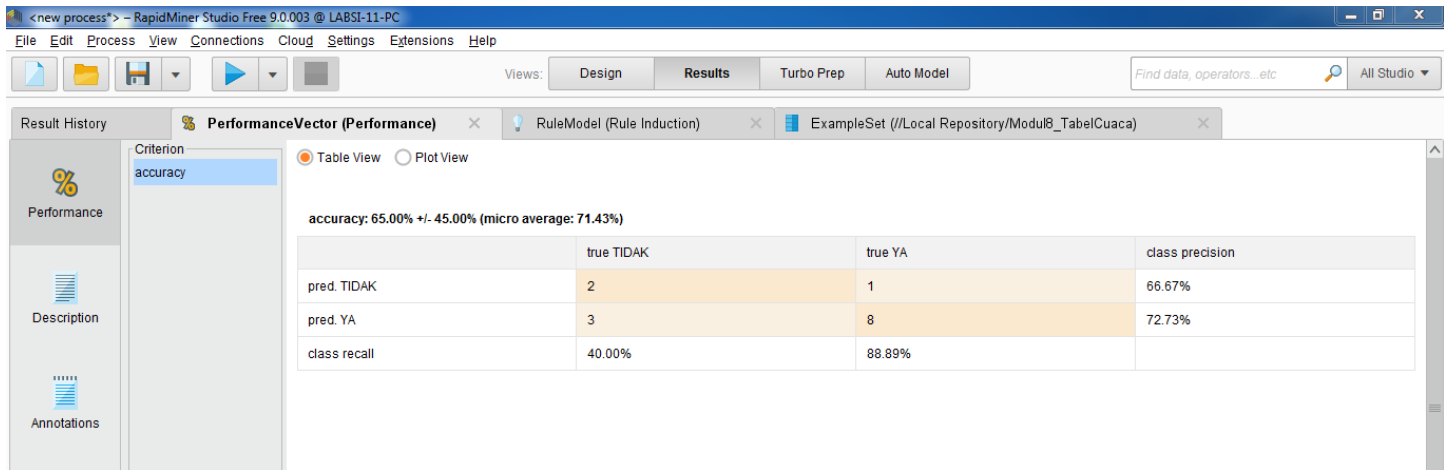
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Annotations

correct: 12 out of 13 training examples.

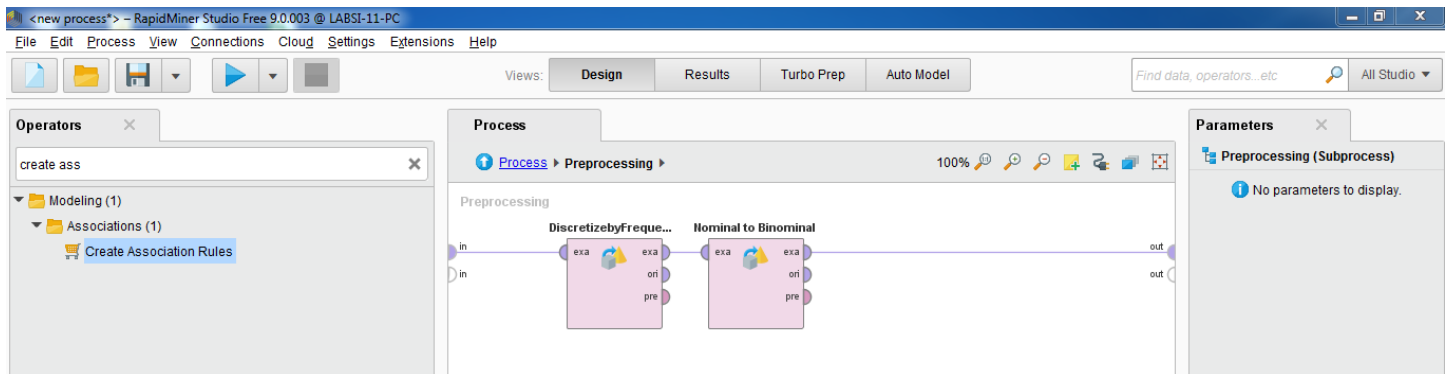
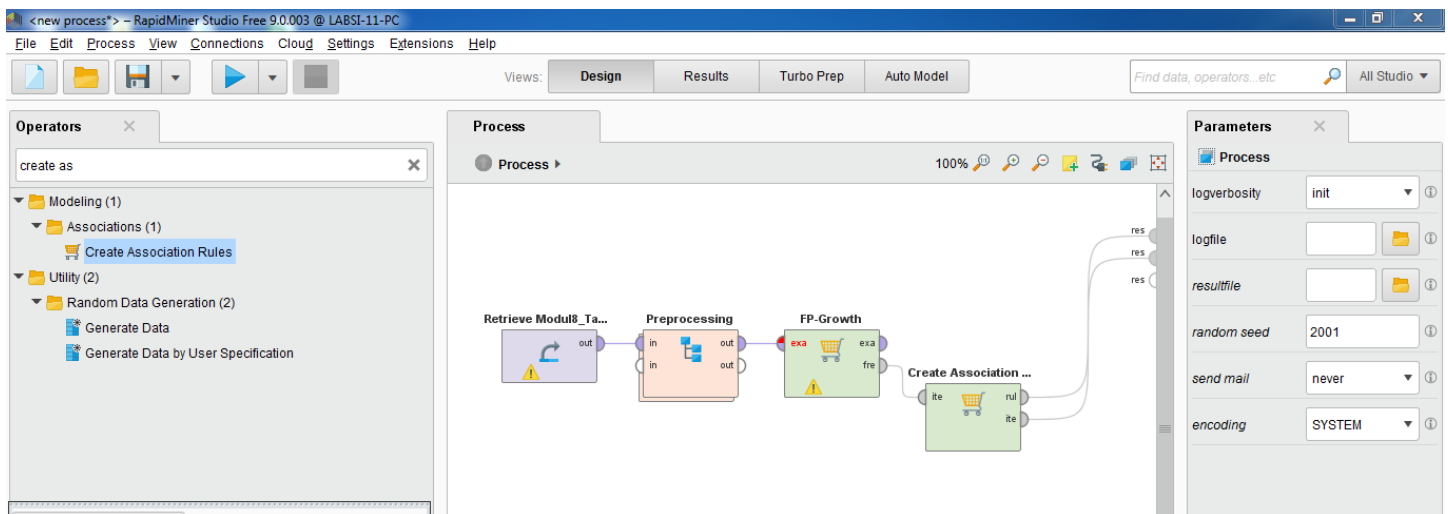
14:41 21/11/2019

2. Performance Vector



Percobaan (Aturan Asosiasi)

- Design



- Hasil

1. FP-Growth

The screenshot shows the 'FrequentItemSets (FP-Growth)' results in the software. The interface includes a menu bar (File, Edit, Process, View, Connections, Cloud, Settings, Extensions, Help), a toolbar, and a 'Views' section with 'Design', 'Results' (selected), 'Turbo Prep', and 'Auto Model'. The main window displays a table of frequent itemsets with columns: Size, Support, Item 1, Item 2, Item 3, and Item 4. On the left, there are controls for 'Data' and 'Annotations', including 'No. of Sets: 26', 'Total Max. Size: 4', 'Min. Size: 1', 'Max. Size: 4', 'Contains Item:', and an 'Update View' button.

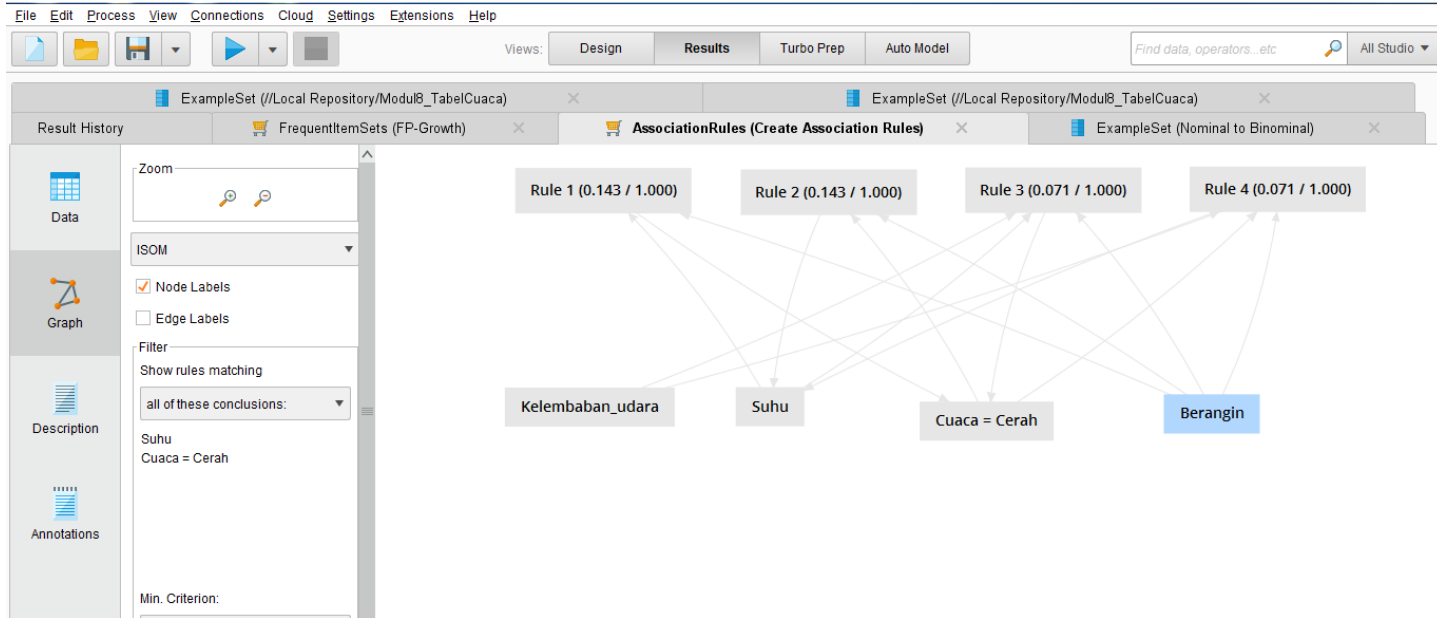
Size	Support	Item 1	Item 2	Item 3	Item 4
1	0.500	Kelembaban_udara			
1	0.429	Berangin			
1	0.429	Suhu			
1	0.357	Cuaca = Cerah			
1	0.357	Cuaca = Hujan			
1	0.286	Cuaca = Mendung			
2	0.214	Kelembaban_udara	Berangin		
2	0.214	Kelembaban_udara	Suhu		
2	0.214	Kelembaban_udara	Cuaca = Cerah		
2	0.143	Kelembaban_udara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

The screenshot shows the 'AssociationRules (Create Association Rules)' results in the software. The interface is similar to the previous one, but the 'Results' tab is selected, showing a table of association rules. On the left, there are controls for 'Data', 'Graph', and 'Description', including 'Show rules matching' and a dropdown menu for 'all of these conclusions:'. The table has columns: Premises, Conclusion, Support, Confidence, LaPlace, Gain, and p-s.

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

