Nama   : Alvian Harisnur

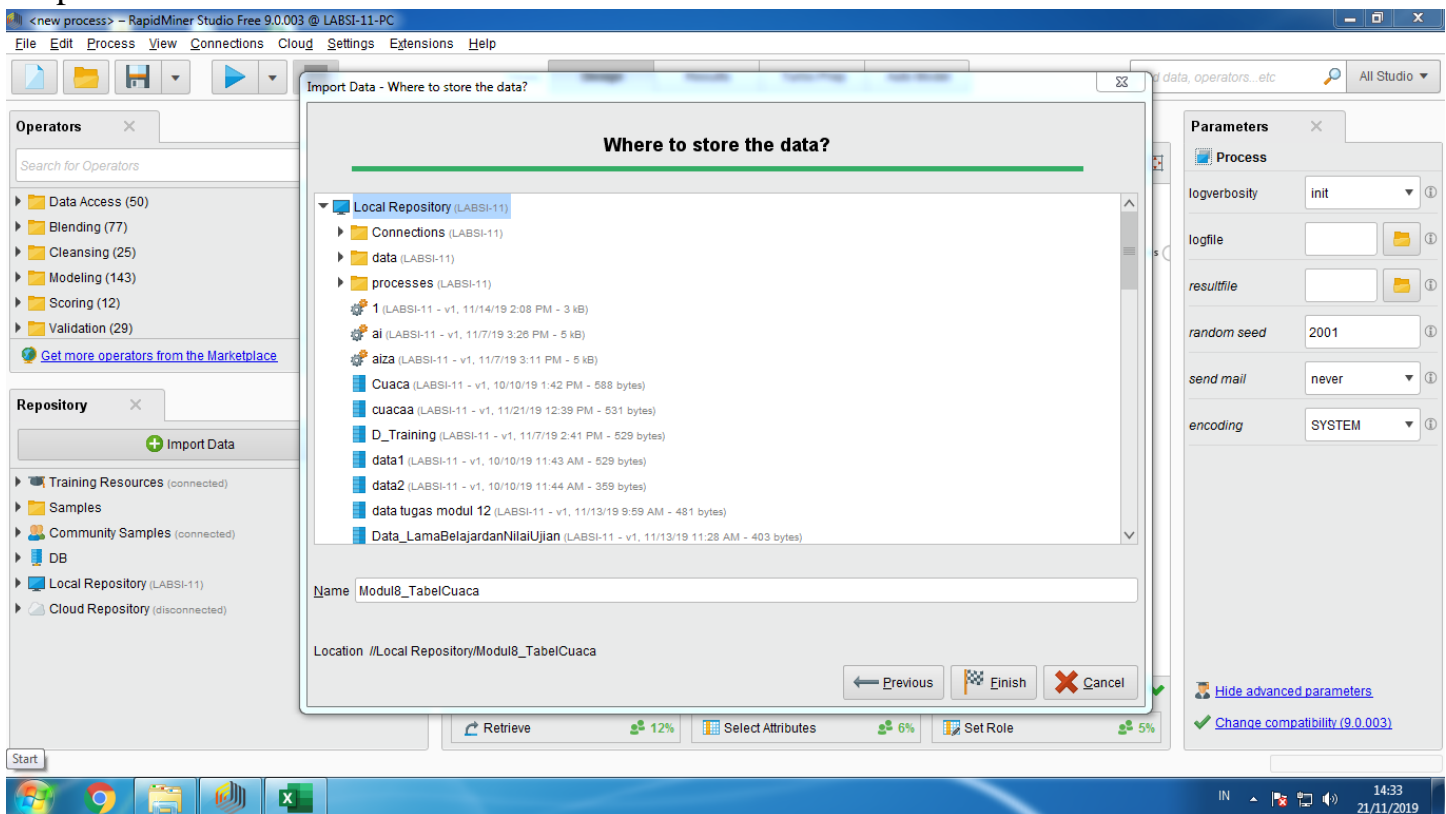NIM   : L200170132
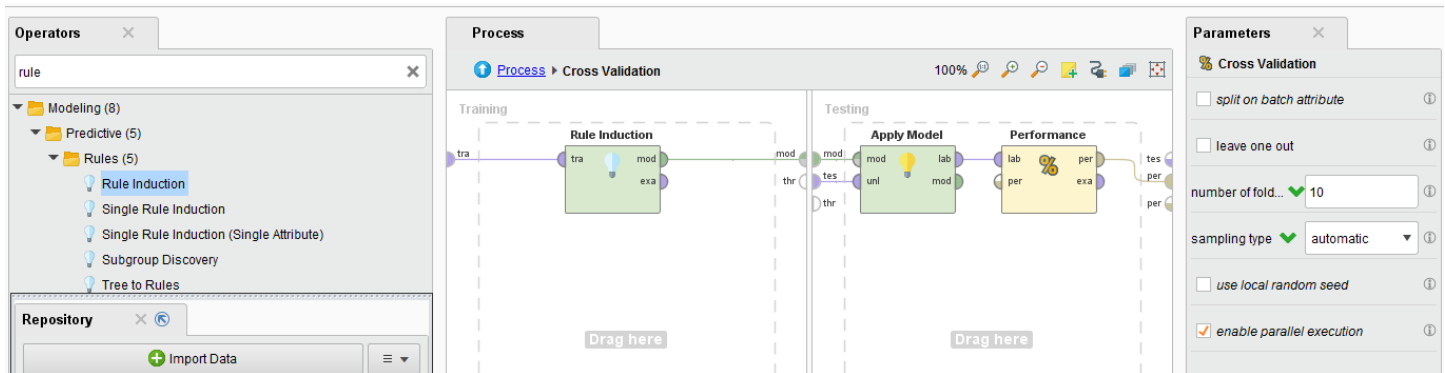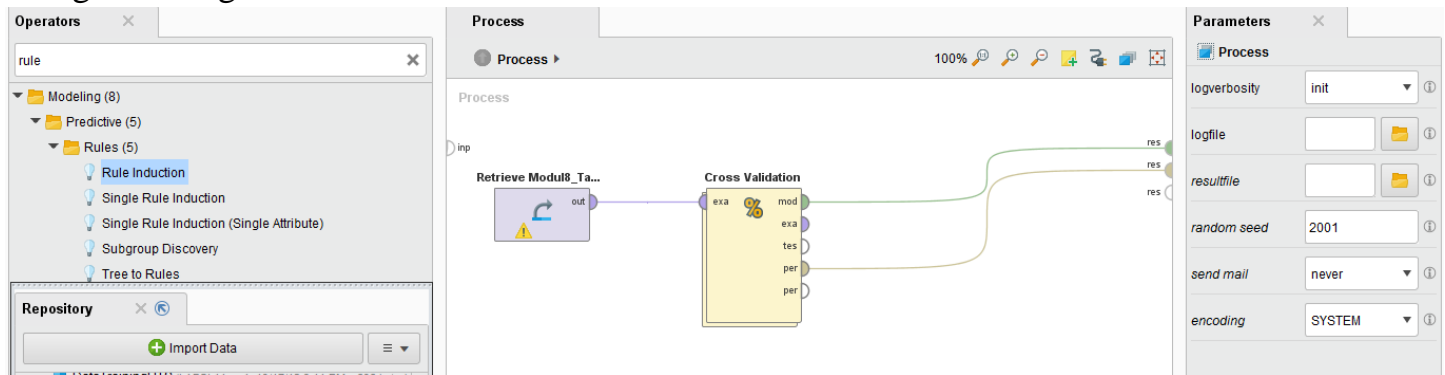
Kelas   : F

Modul 11

Induksi dan Aturan Asosiasi

Percobaan (Induksi)

- Import file

- Mengatur design

- Hasilnya
  1. RuleModel (Rule Induction)

RuleModel

```
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)

correct: 12 out of 13 training examples.
```
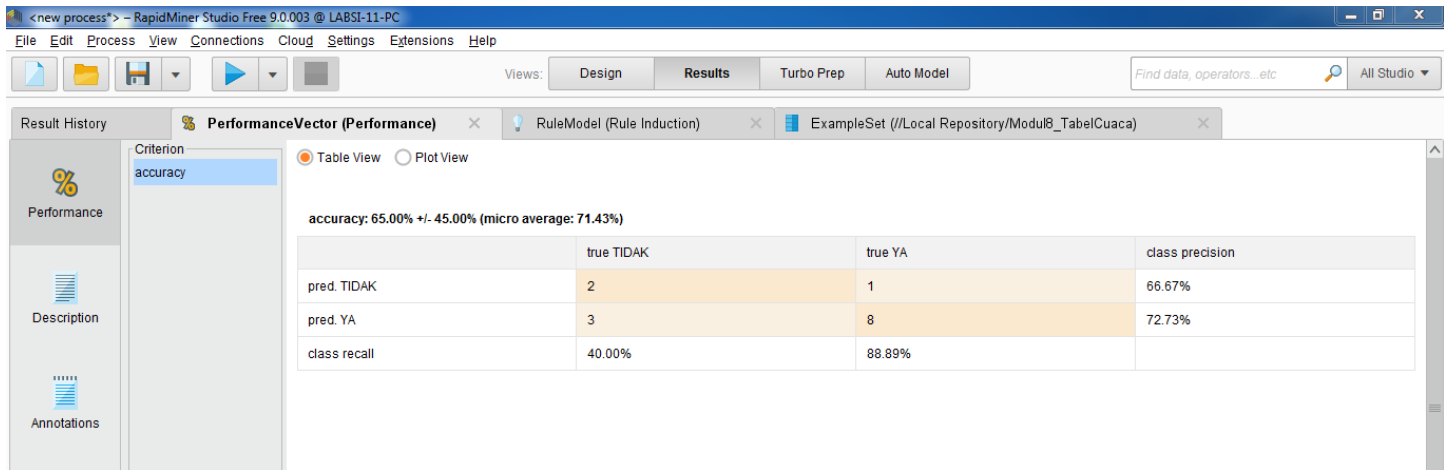
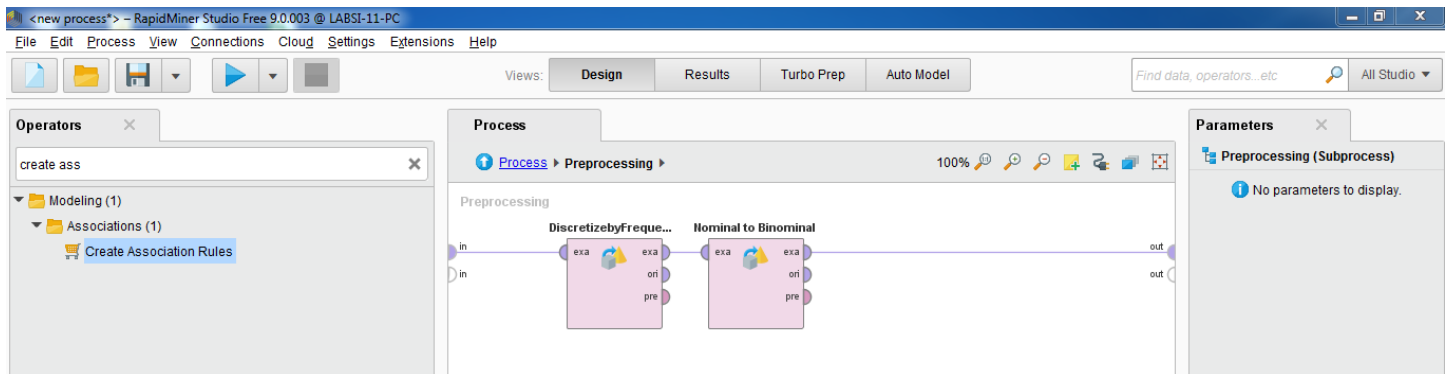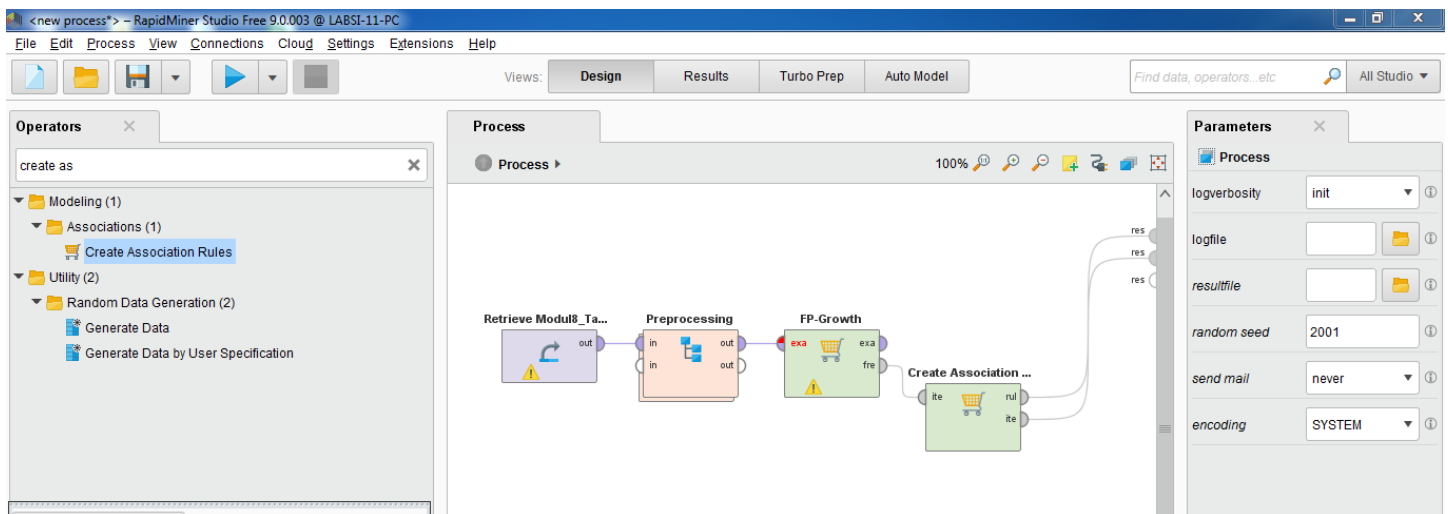## 2. Performance Vector

Percobaan (Aturan Asosiasi)

- Design

- Hasil
  1. FP-Growth

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		

No. of Sets: 26
Total Max. Size: 4

Min. Size: 1
Max. Size: 4
Contains Item:

  2. Association Rules (table view)

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