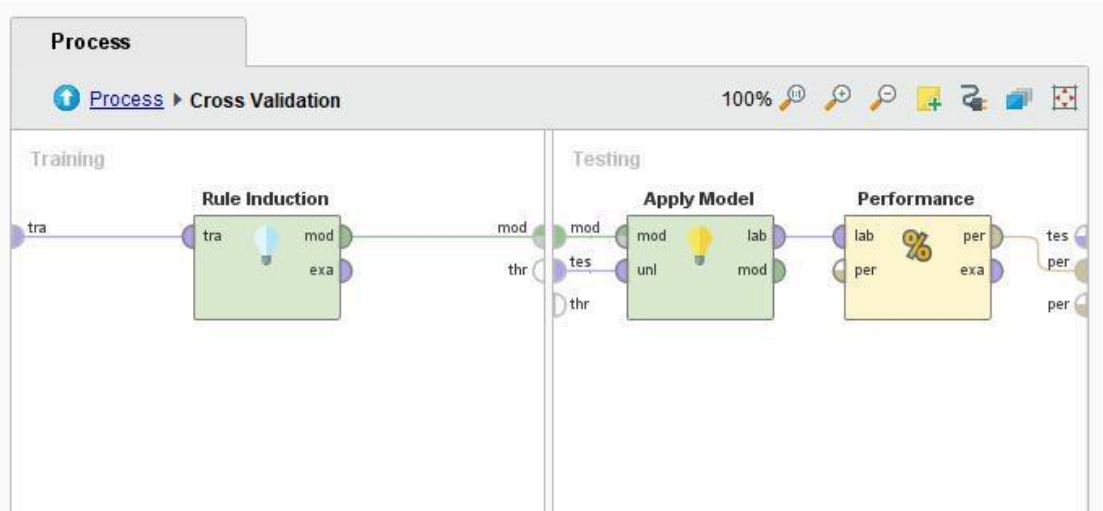
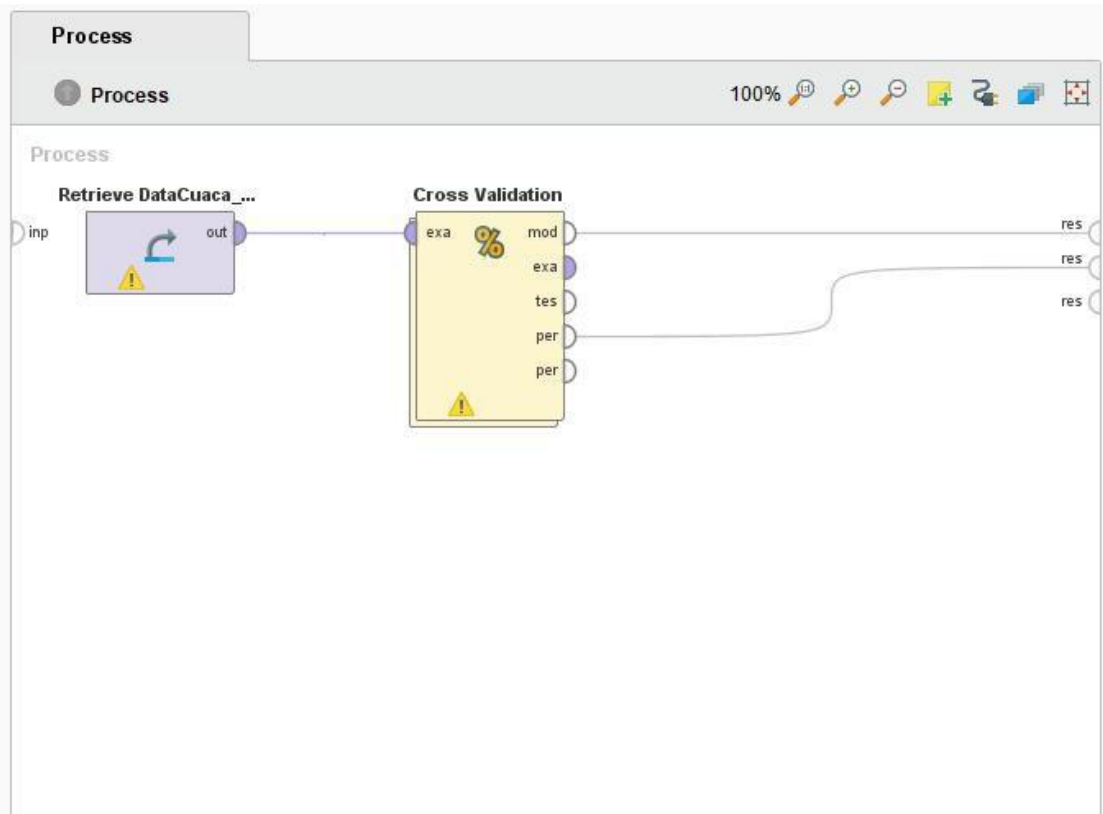


Nama : Cinde Prawito P
NIM : L200170120
Kelas : E

Laporan Kegiatan Praktikum DWDM
Modul 11

| 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 |



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.

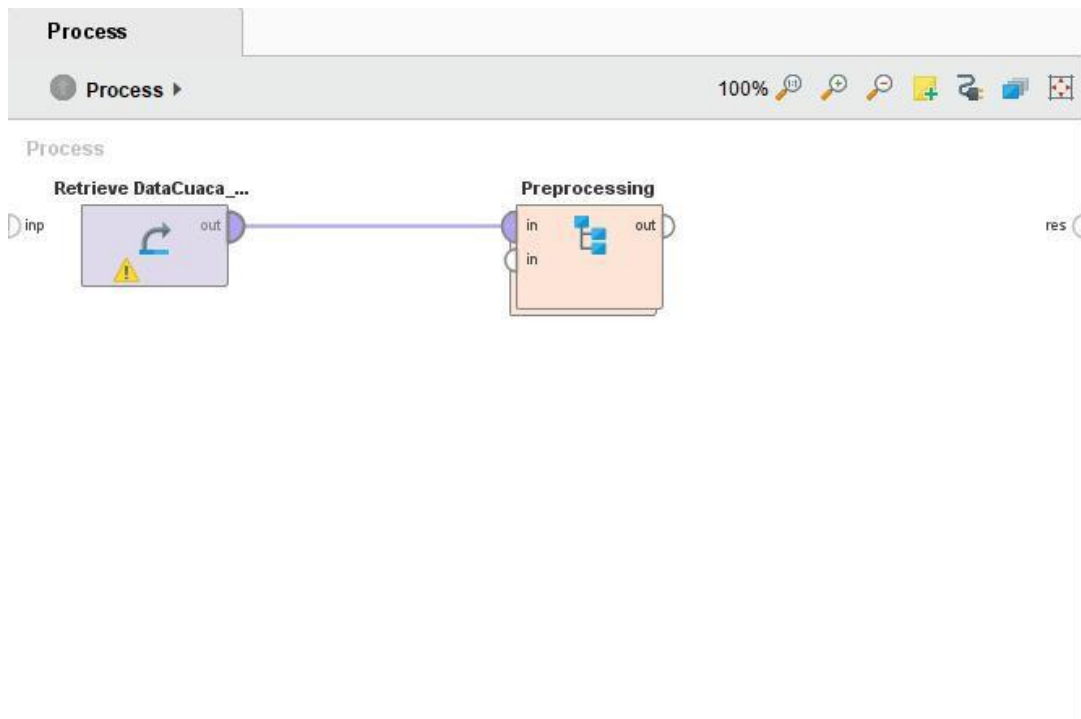
ExampleSet (//Local Repository/DataCuaca_Training)

PerformanceVector (Performance)

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% | |



Process

Process > Preprocessing

100%

Preprocessing

DiscretizebyFrequency

Parameters

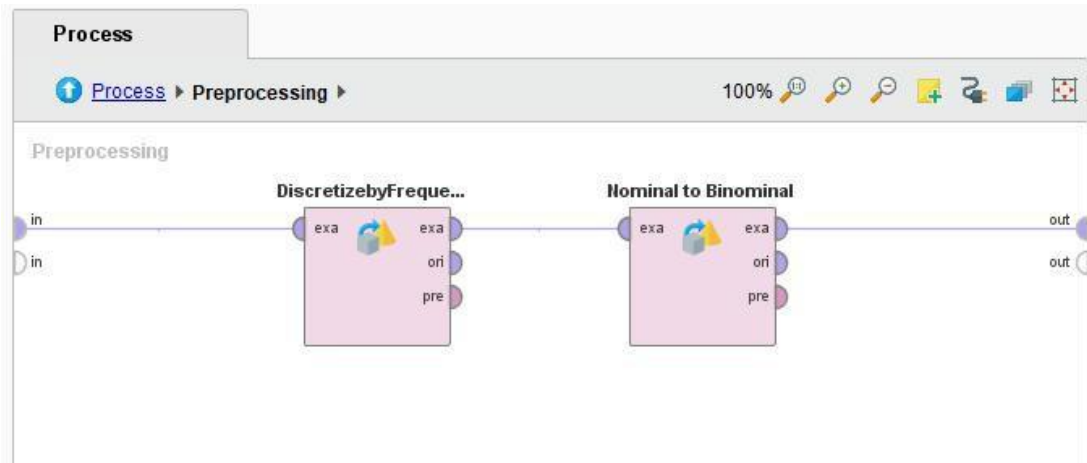
DiscretizebyFrequency (Discretize by Frequency)

attribute filter type: all

☐ invert selection

☐ include special attributes

number of bins: 2



Process

Process

100%

Process

Retrieve DataCuaca...

Preprocessing

FP-Growth

res

res

Parameters

FP-Growth

input format: items in dummy coded colu...

min requirement: support

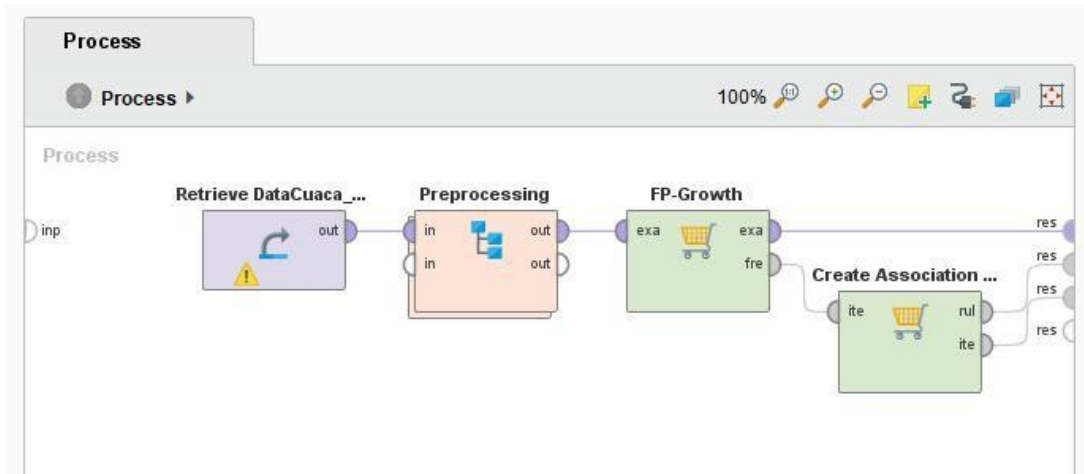
min support: 0.1

min items per itemset: 1

max items per itemset: 0

max number of itemsets: 1000000

[Show advanced parameters](#)



A. FREQUEN

| FrequentItemSets (FP-Growth) | | | | | | |
|---|------|---------|------------------|-----------------|--------|--------|
| AssociationRules (Create Association Rules) | | | | | | |
| ExampleSet (Nominal to Binominal) | | | | | | |
| No. of Sets: 26 | Size | Support | Item 1 | Item 2 | Item 3 | Item 4 |
| Total Max. Size: 4 | 1 | 0.500 | Kelembaban_udara | | | |
| Min. Size: 1 | 1 | 0.429 | Berangin | | | |
| Max. Size: 4 | 1 | 0.429 | Suhu | | | |
| Contains Item: | 1 | 0.357 | Cuaca = Cerah | | | |
| | 1 | 0.357 | Cuaca = Hujan | | | |
| Update View | 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 | 0.214 | Suhu | Cuaca = Cerah | | |

| No. | Premises | Conclusion | Support | Confidence |
|-----|---|---------------|---------|------------|
| 1 | Berangin, Suhu | Cuaca = Cerah | 0.143 | 1 |
| 2 | Berangin, Cuaca = Cerah | Suhu | 0.143 | 1 |
| 3 | Kelembaban_udara, Berangin, Suhu | Cuaca = Cerah | 0.071 | 1 |
| 4 | Kelembaban_udara, Berangin, Cuaca = Cerah | Suhu | 0.071 | 1 |

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

