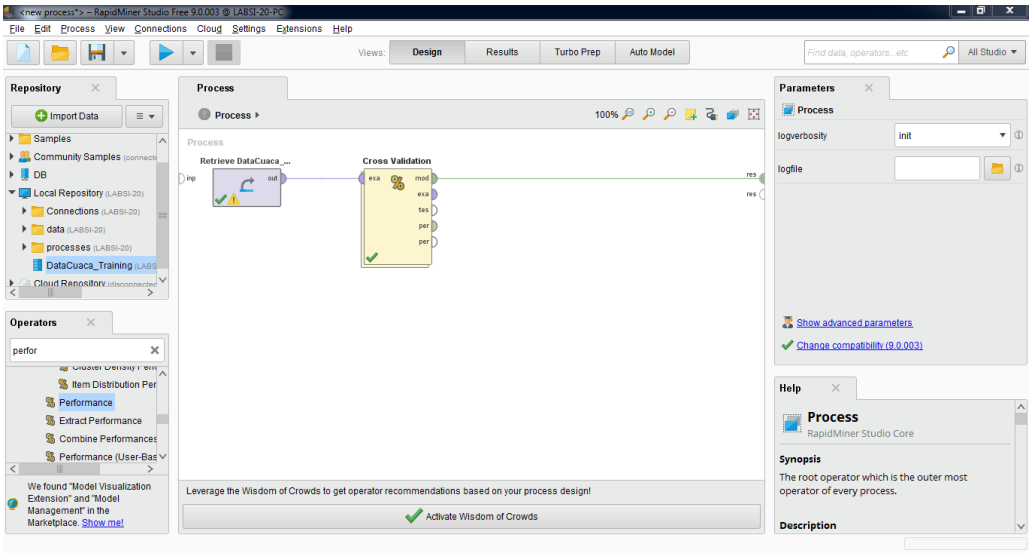
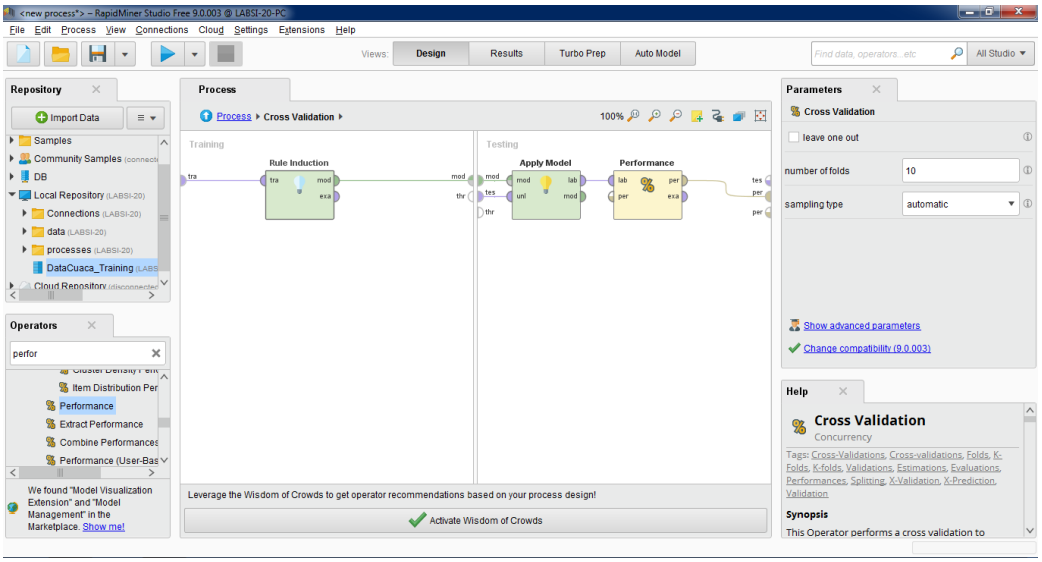
Nama: Rifqi Wirawan
NIM: L200170141
Modul: 11

Percobaan (Induksi aturan data cuaca)

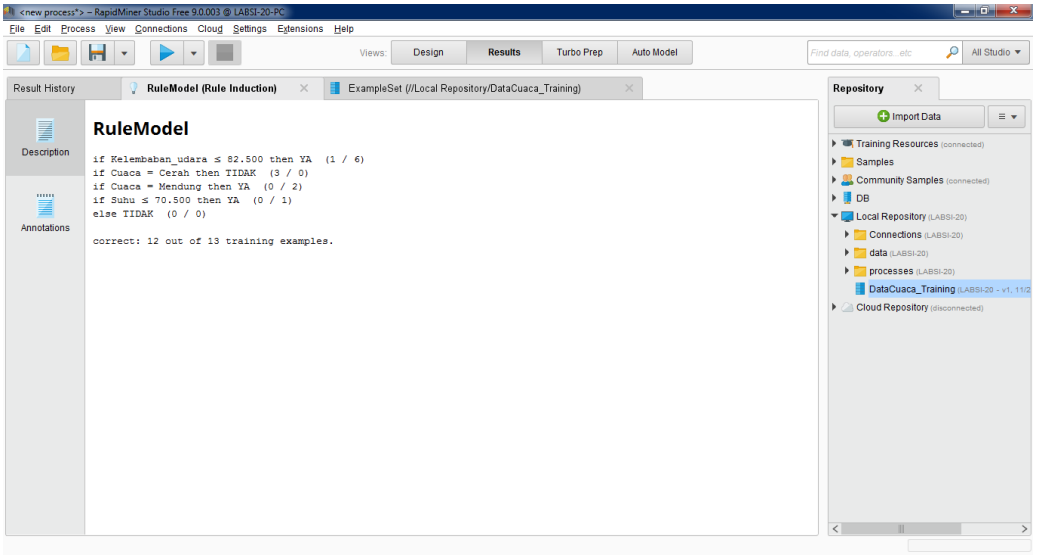
Buat pada bagian proces area dengan memasukukkan DataCuaca_Training kemudian beri operator Cross Validation

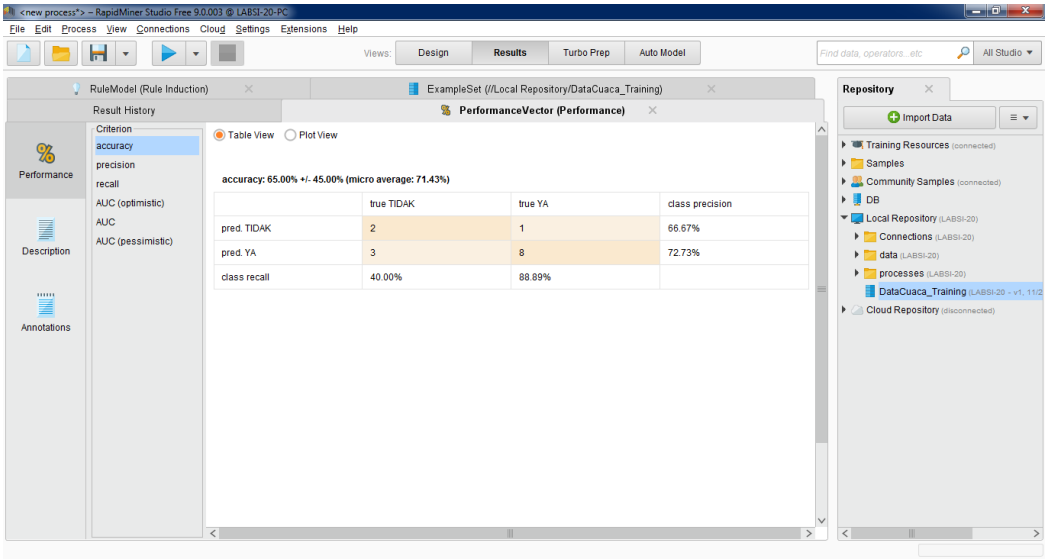


Kemudian buka pada Cross Validation dan tambahkan operator rule induction, apply model dan performance



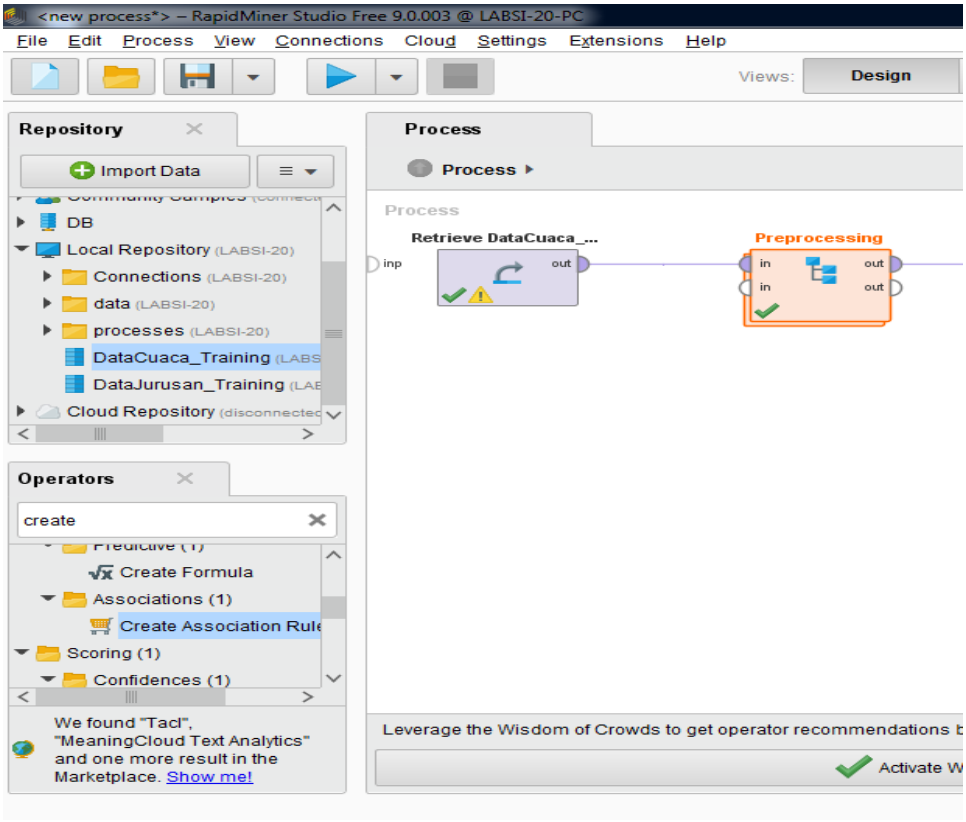
Kemudian run pada process itu dan akan menunjukkan hasil sebagai berikut



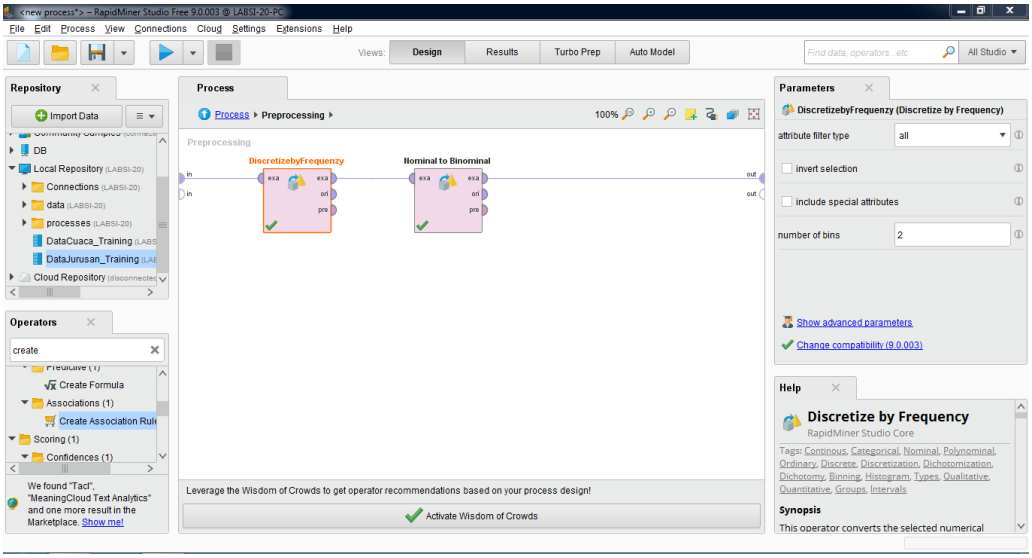


Percobaan (Aturan asosiasi data cuaca)

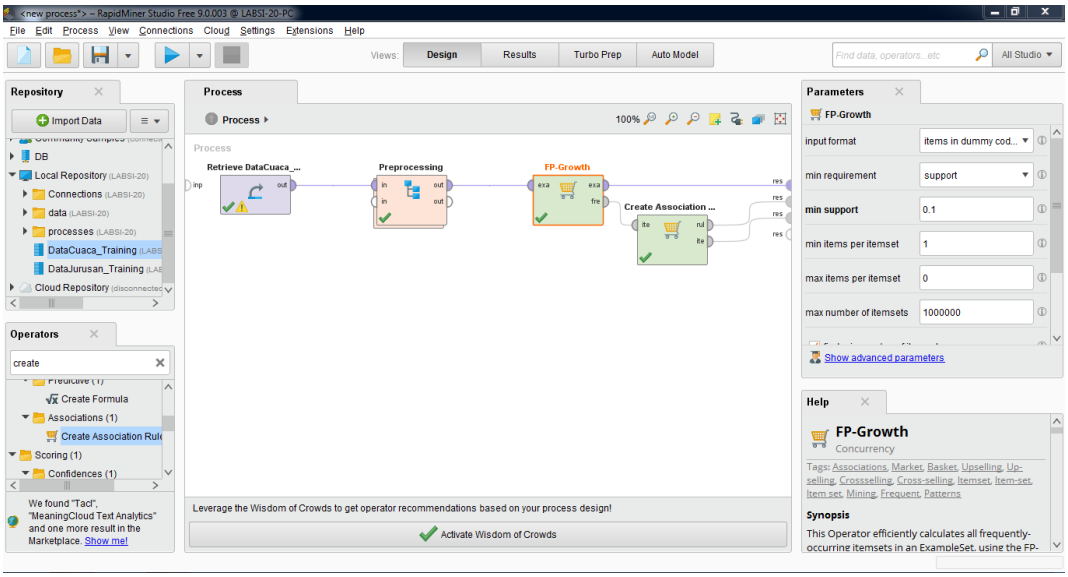
Gunakan kembali DataCuaca_Training dan tambahkan operator pada proces area dengan operator Subprocess



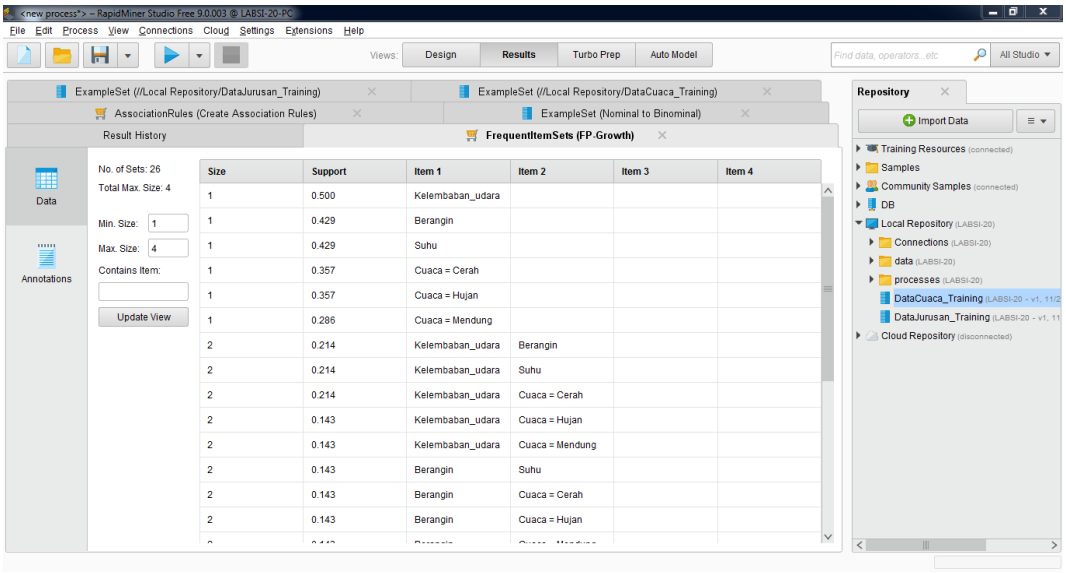
Kemudian tambahkan operator pada bagian Preprocessing dengan klik operator tersebut dan tambahkan operator didalamnya dengan DiscretizebyFrequency (ganti number of bins dengan angka 2, Nominal to Binominal

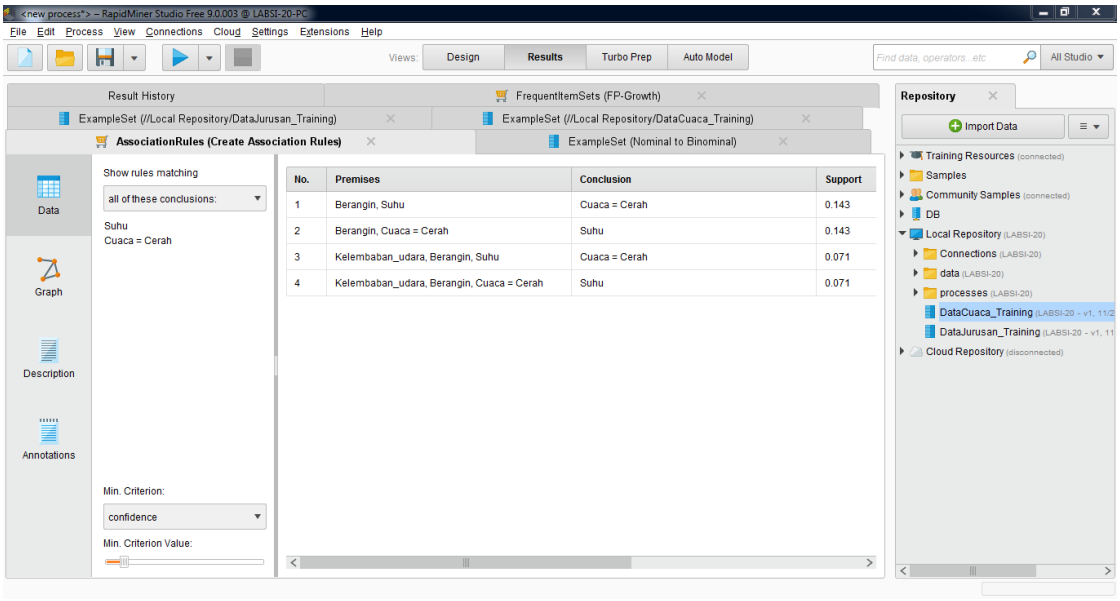


Setelah itu ke menu utama dan tambahkan operator FP-Growth(min support diganti 0.1) , Create Association Rules



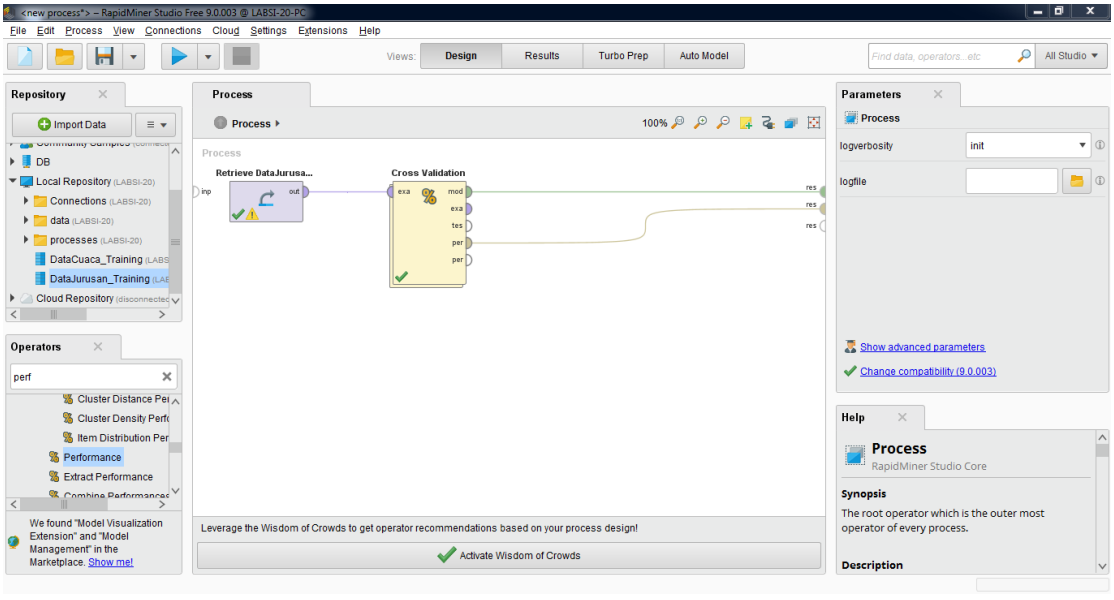
Hasil dari proces diatas

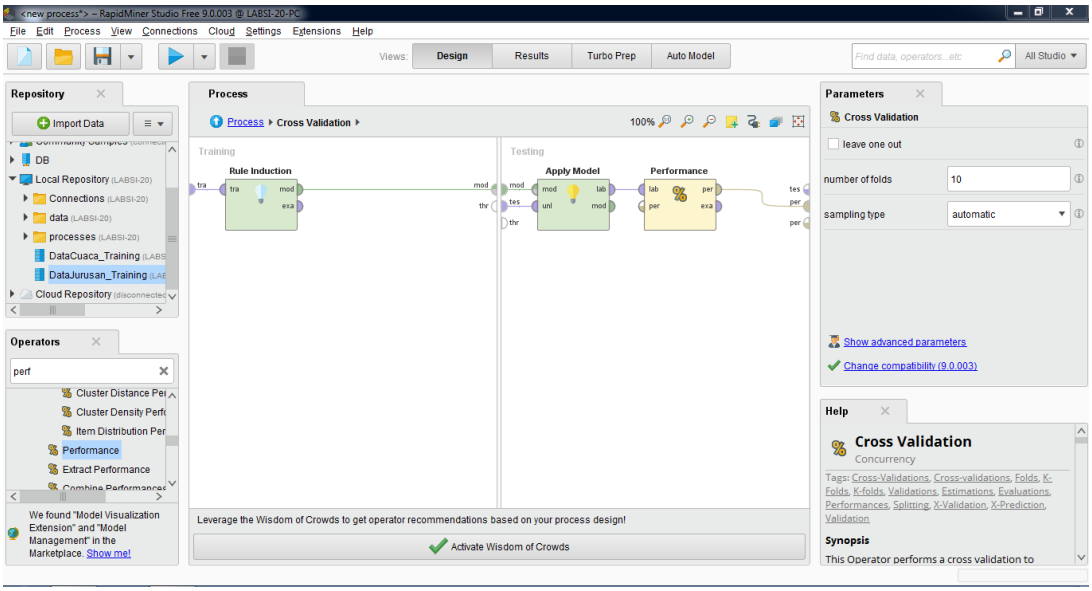




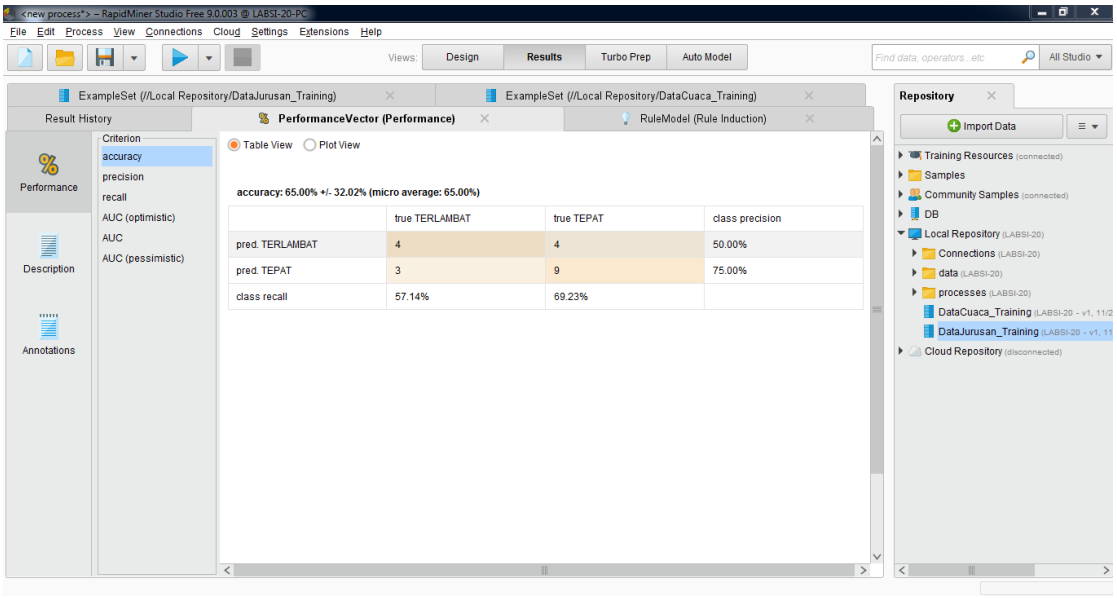
Tugas no 2

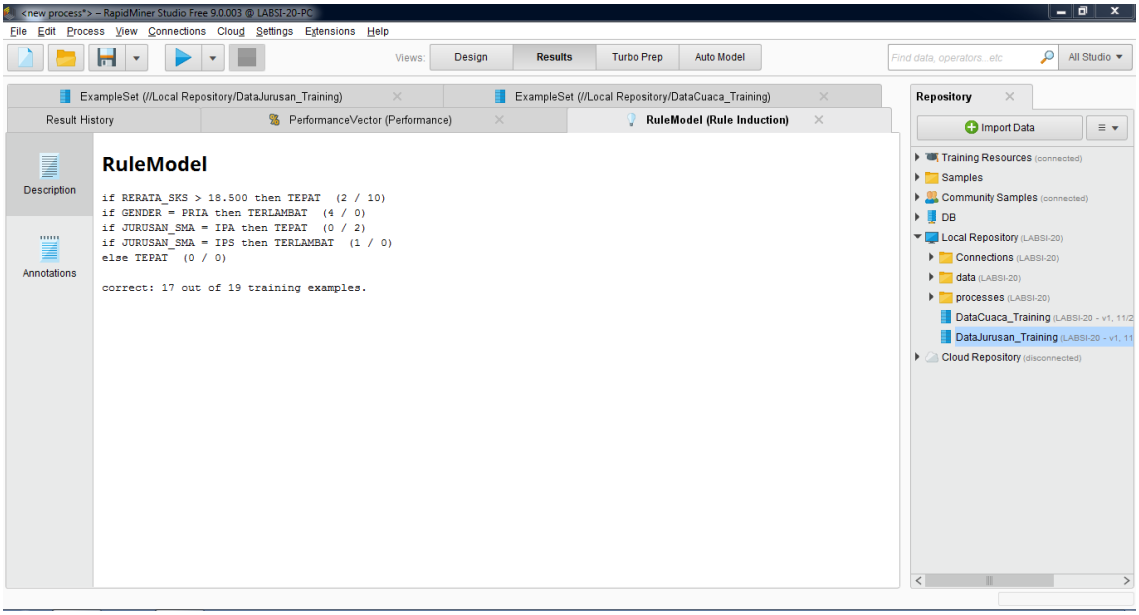
Dengan menggunakan DataJurusan_Training pada modul 6 dan buat pada bagian proces area dengan memasukukkan DataJurusan_Training kemudian beri operator Cross Validation Kemudian buka pada Cross Validation dan tambahkan operator rule induction, apply model dan performance



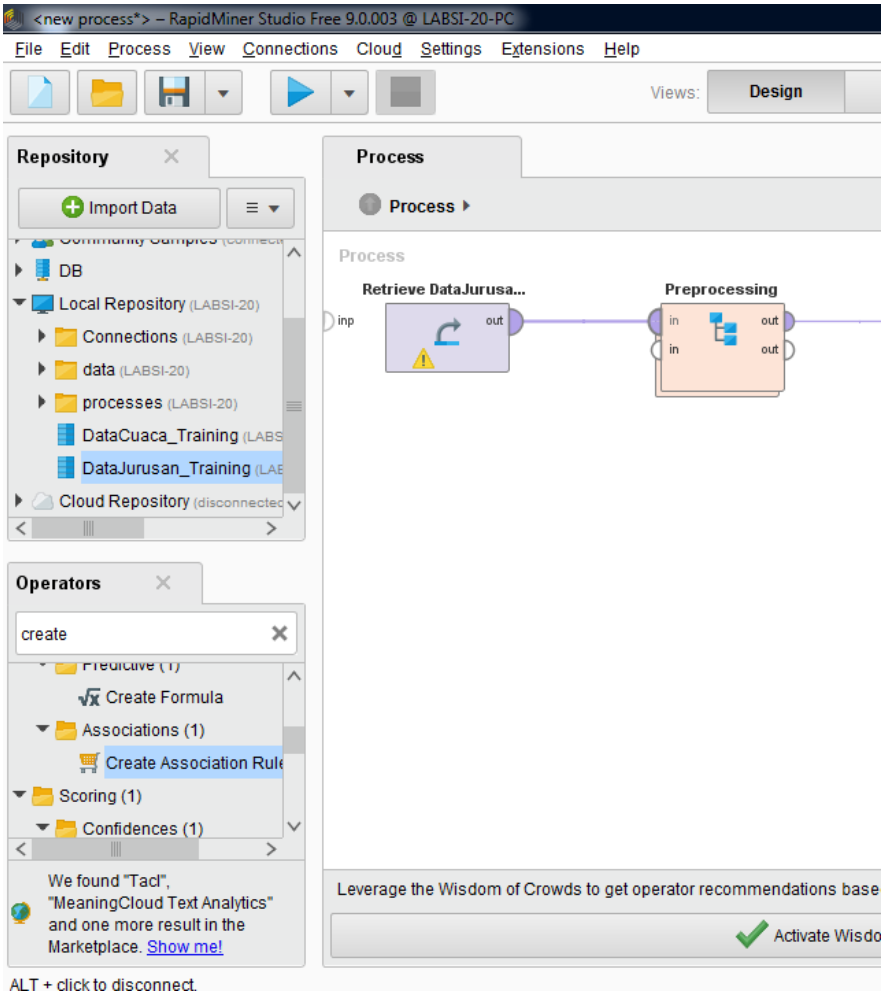


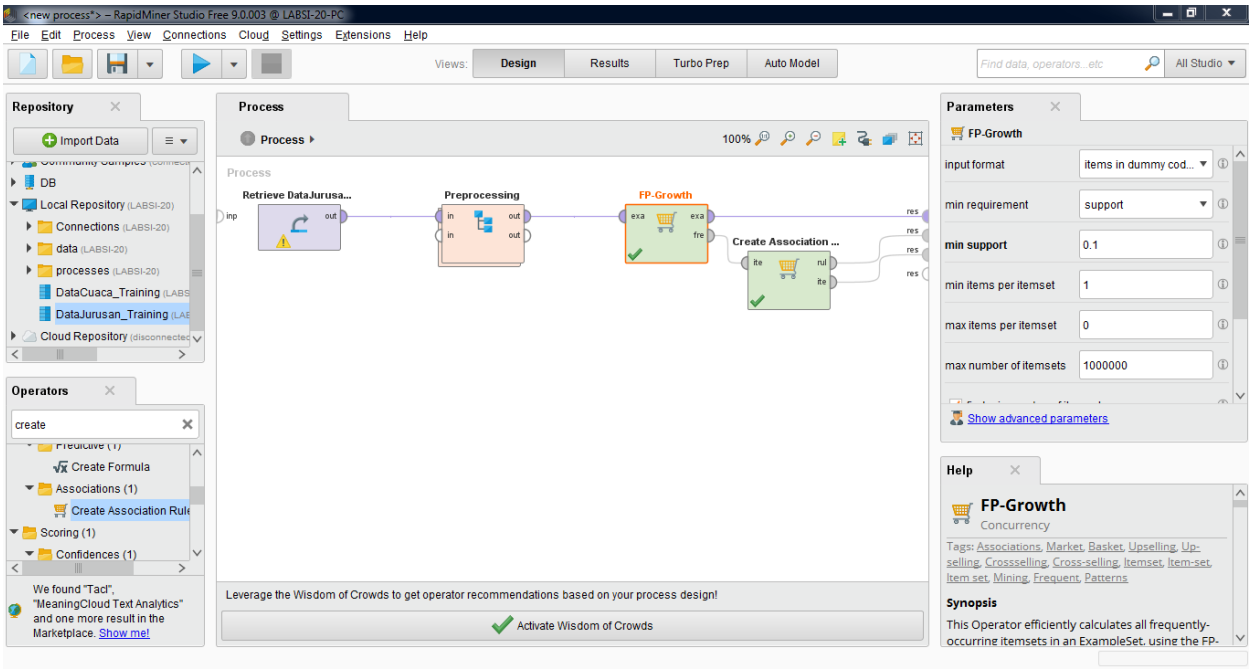
Hasil dari tugas no 1



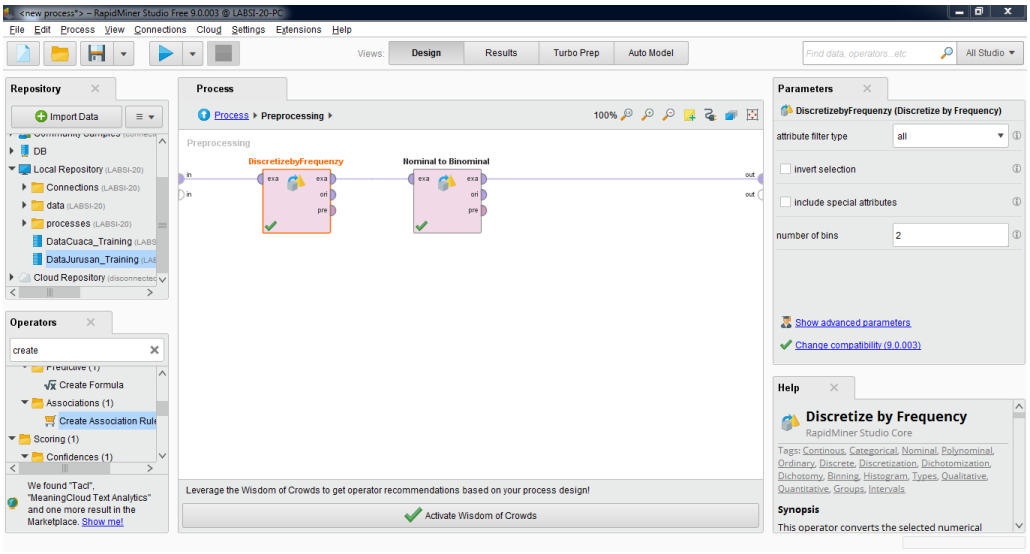

<new process*> – RapidMiner Studio Free 9.0.003 @ LABSI-20-PC
File Edit Process View Connections Cloud Settings Extensions Help
Views: Design Results Turbo Prep Auto Model
ExampleSet (//Local Repository/DataJurusan_Training)
ExampleSet (//Local Repository/DataCuaca_Training)
Result History
PerformanceVector (Performance)
RuleModel (Rule Induction)
Description
Annotations
RuleModel
if RERATA_SKS > 18.500 then TEPAT (2 / 10)
if GENDER = PRIA then TERLAMBAT (4 / 0)
if JURUSAN_SMA = IPA then TEPAT (0 / 2)
if JURUSAN_SMA = IPS then TERLAMBAT (1 / 0)
else TEPAT (0 / 0)
correct: 17 out of 19 training examples.
Repository
Import Data
Training Resources (connected)
Samples
Community Samples (connected)
DB
Local Repository (LABSI-20)
Connections (LABSI-20)
data (LABSI-20)
processes (LABSI-20)
DataCuaca_Training (LABSI-20 - v1, 11/2
DataJurusan_Training (LABSI-20 - v1, 11
Cloud Repository (disconnected)

Tugas no 2

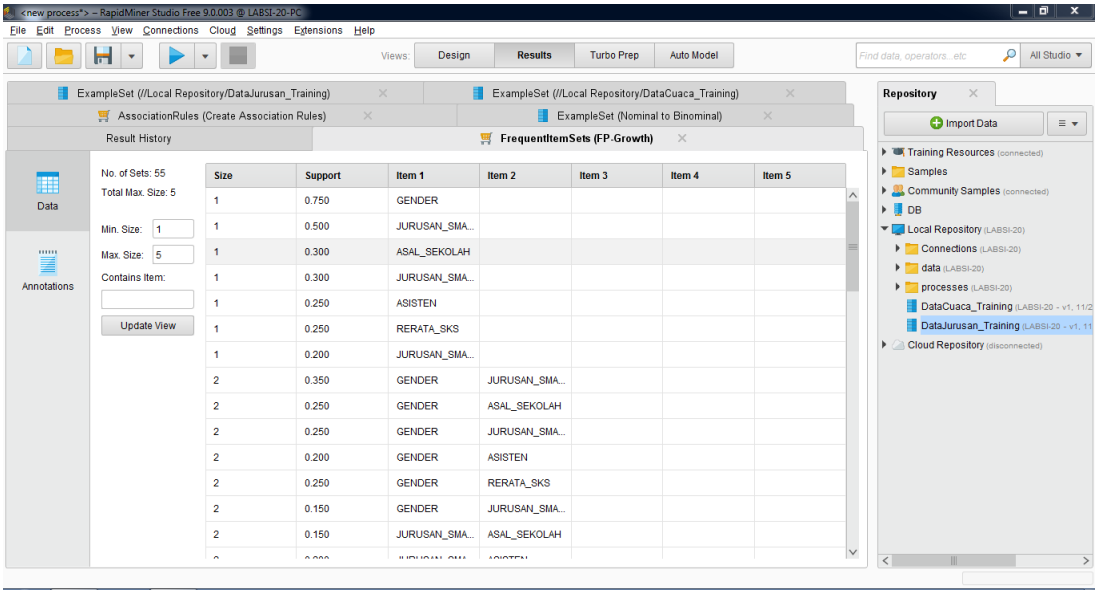

<new process*> – RapidMiner Studio Free 9.0.003 @ LABSI-20-PC
File Edit Process View Connections Cloud Settings Extensions Help
Views: Design
Repository
Import Data
DB
Local Repository (LABSI-20)
Connections (LABSI-20)
data (LABSI-20)
processes (LABSI-20)
DataCuaca_Training (LABS
DataJurusan_Training (LAB
Cloud Repository (disconnected
Operators
create
Create Formula
Associations (1)
Create Association Rule
Scoring (1)
Confidences (1)
We found "Tacl", "MeaningCloud Text Analytics" and one more result in the Marketplace. Show me!
Process
Process
Process
Retrieve DataJurusa...
inp
out
Preprocessing
in
in
out
out
Leverage the Wisdom of Crowds to get operator recommendations base
Activate Wisdo
ALT + click to disconnect.



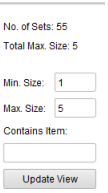
2A dengan number of bins = 2



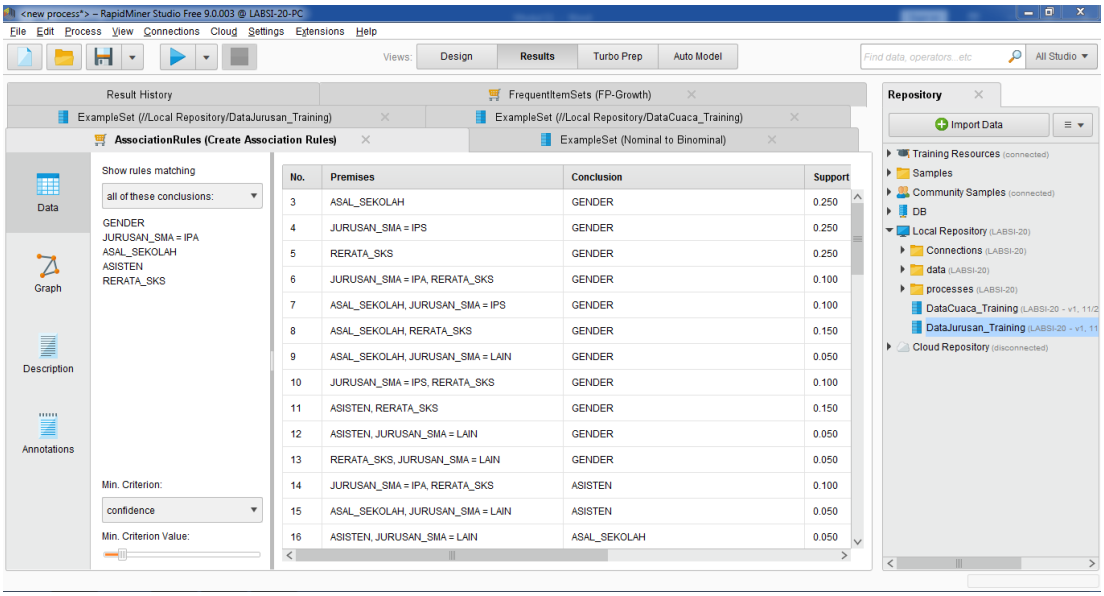
Hasilnya

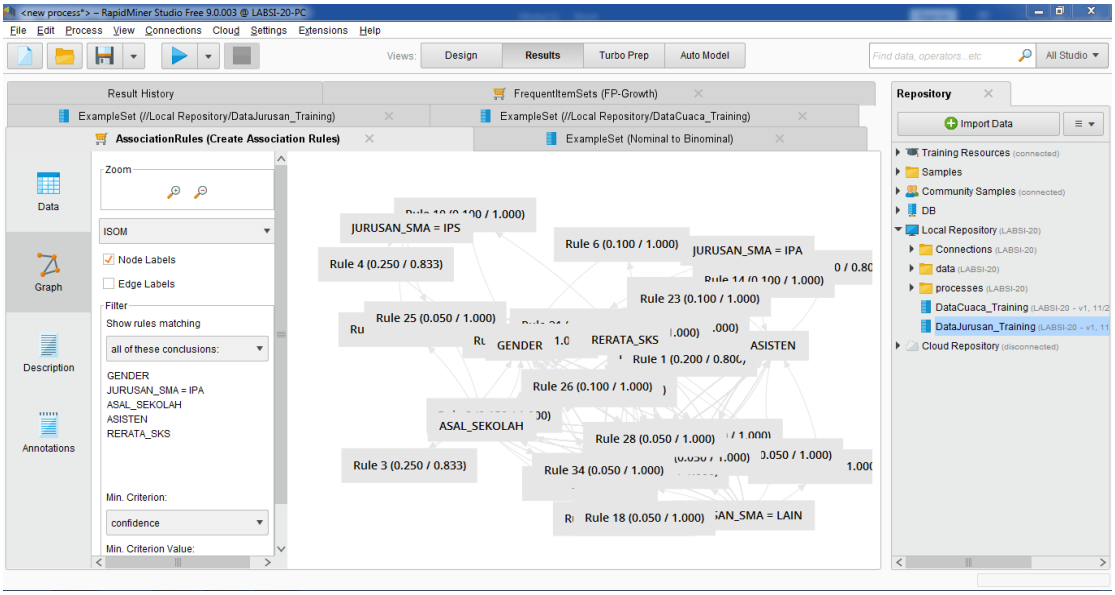


Jumlah set aturan asosiasi dan total max size yang terbentuk berdasarkan FP-Growth

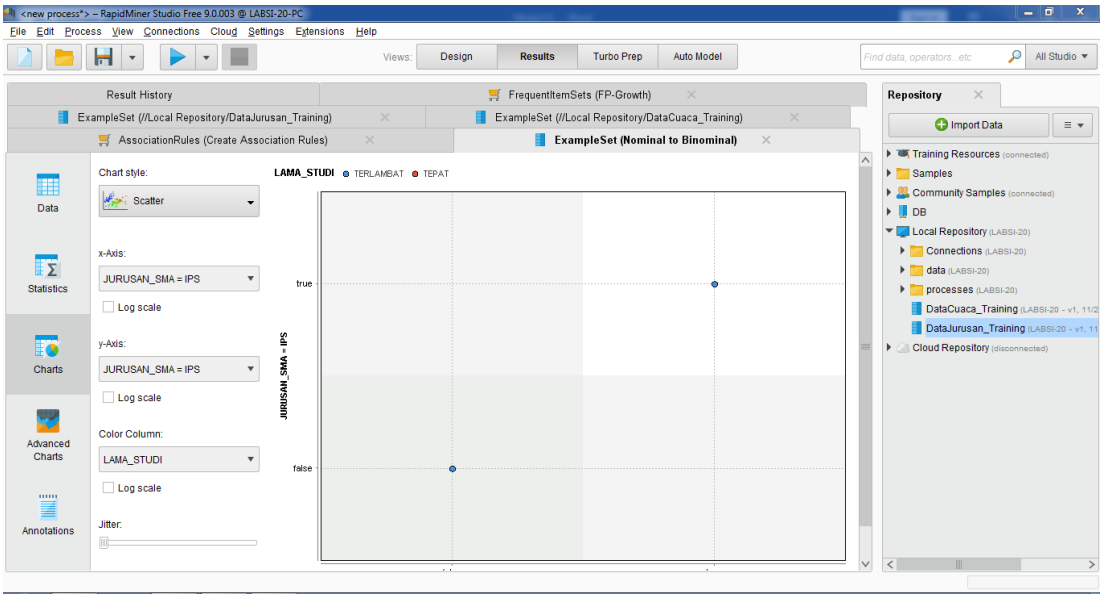


Jumlah data pasangan premis dan kesimpulan pada Association Rules

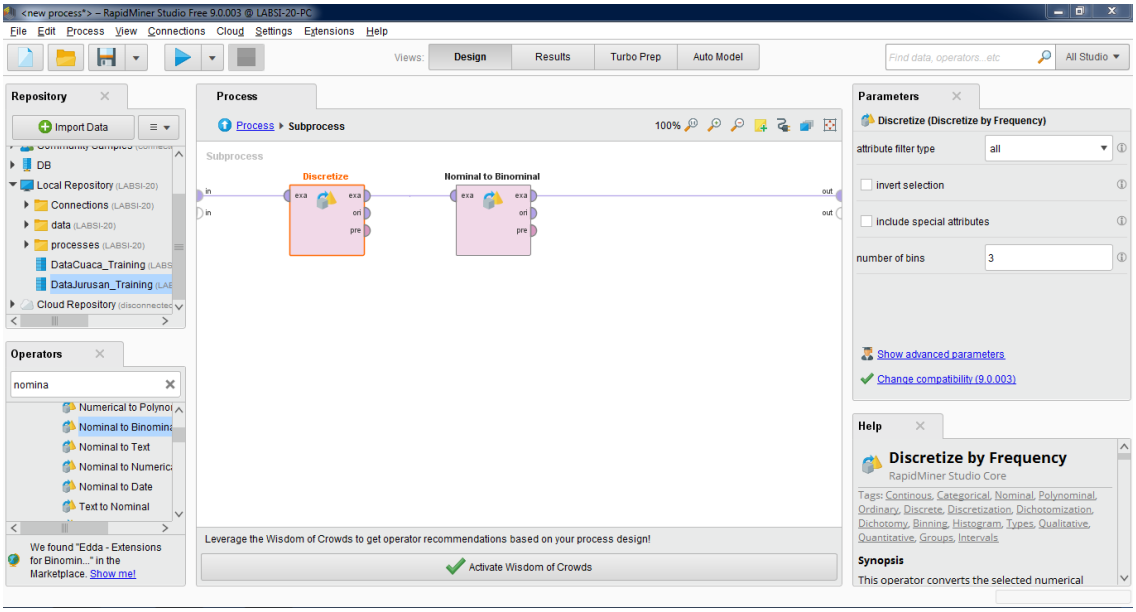




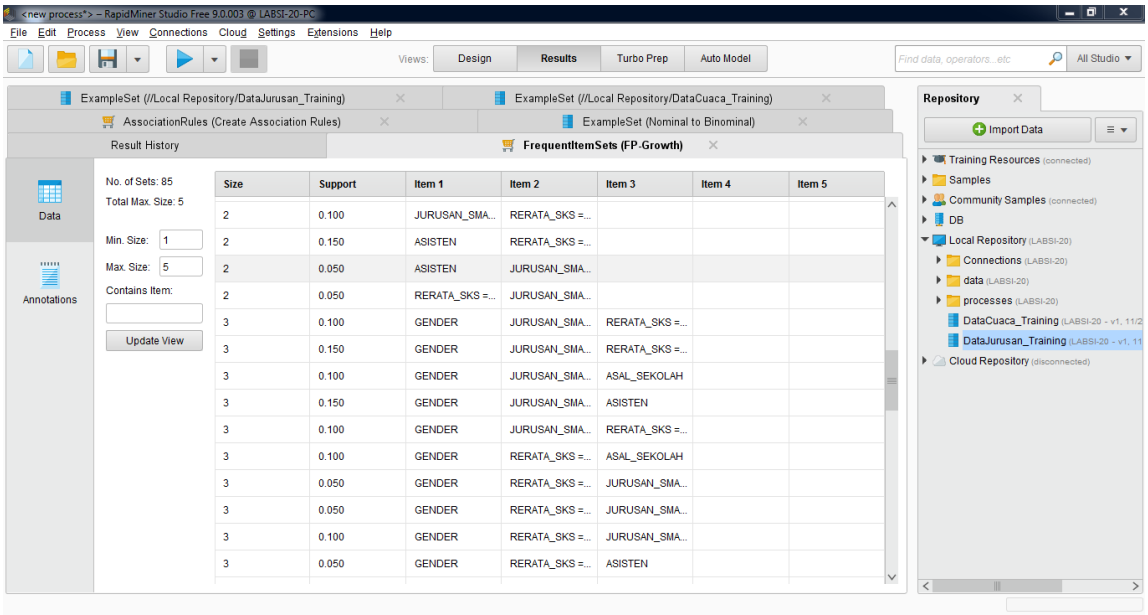
Grafik Chart pola distribusi data



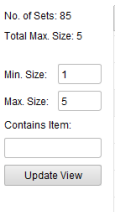
2B dengan number of bins = 3



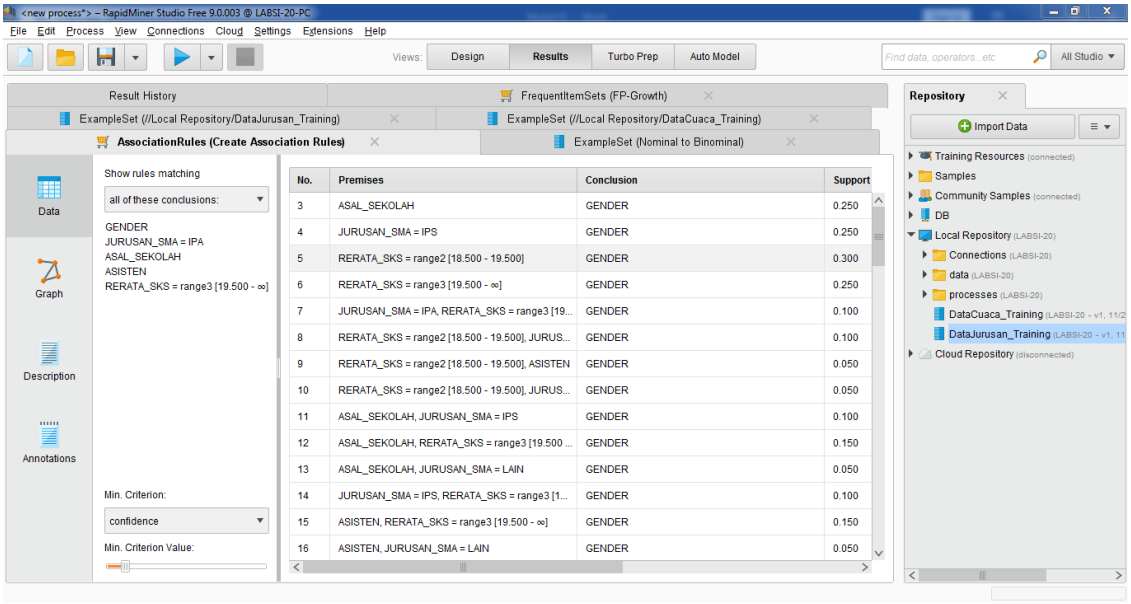
Hasilnya

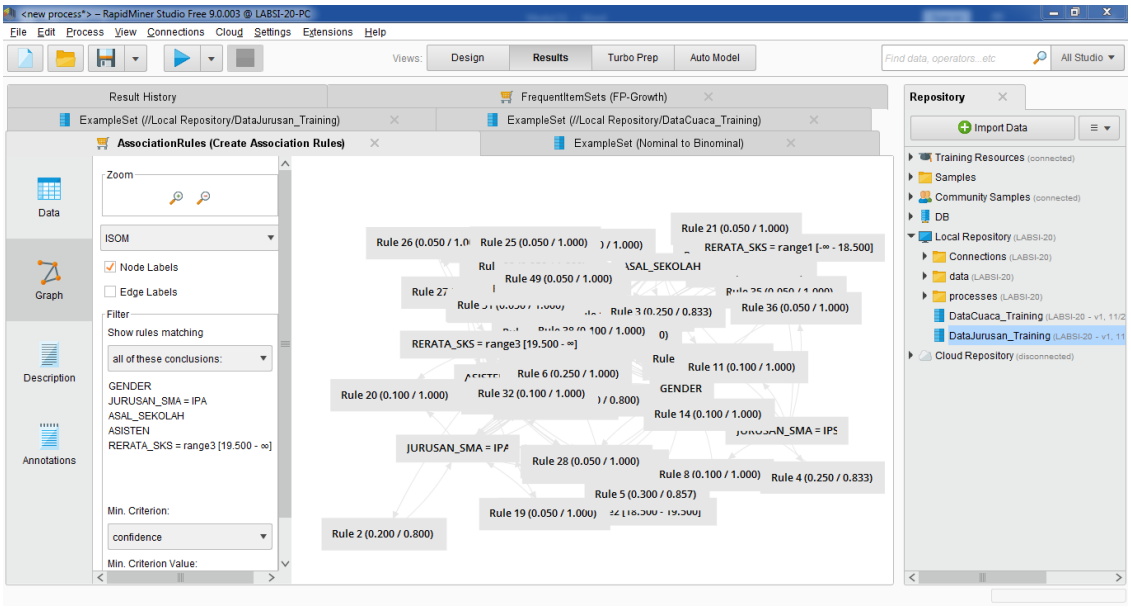


Jumlah set aturan asosiasi dan total max size yang terbentuk berdasarkan FP-Growth



Jumlah data pasangan premis dan kesimpulan pada Association Rules





Grafik Chart pola distribusi data