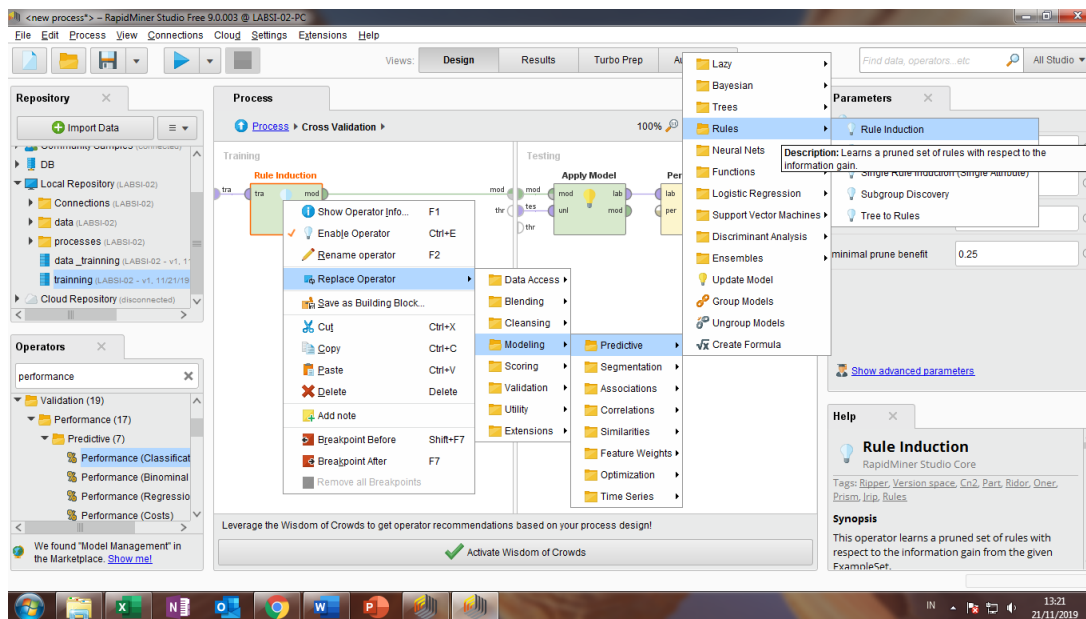
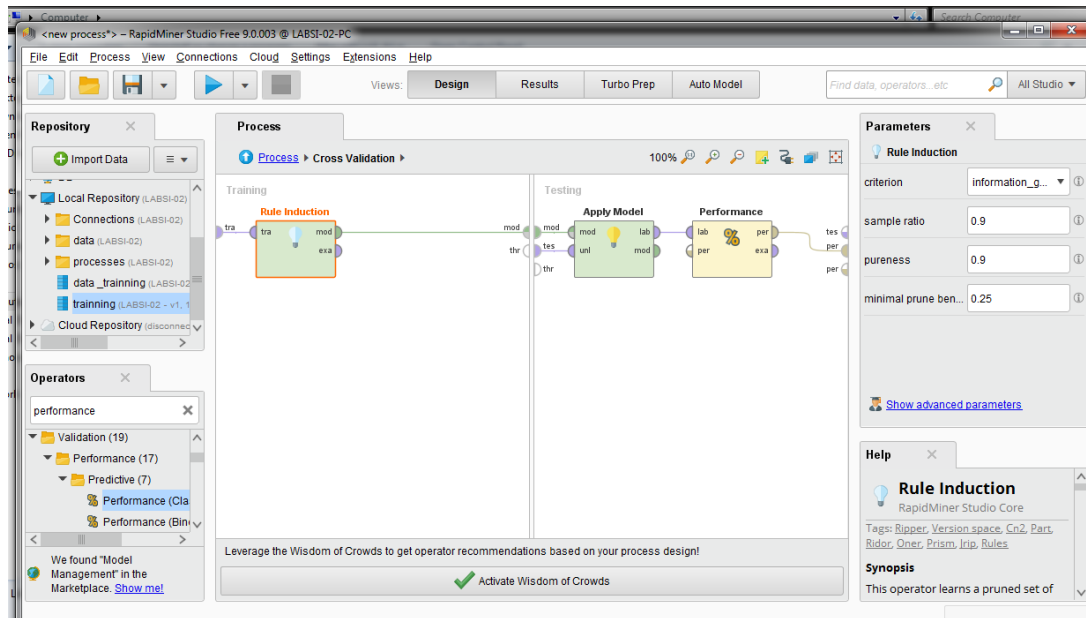


Nama : FIDA AMY NA

NIM : L200170075

Kelas : C

Percobaan



<new process> - RapidMiner Studio Free 9.0.003 @ LABSI-02-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- Community Samples (connected)
 - DB
 - Local Repository (LABSI-02)
 - Connections (LABSI-02)
 - data (LABSI-02)
 - processes (LABSI-02)
 - data_training (LABSI-02 - v1, 11/21/19)
 - training (LABSI-02 - v1, 11/21/19)
 - Cloud Repository (disconnected)

Operators

performance

- Validation (19)
 - Performance (17)
 - Predictive (7)
 - Performance (Classification)
 - Performance (Binomial)
 - Performance (Regression)
 - Performance (Costs)

We found "Model Management" in the Marketplace. [Show me!](#)

Process

Process

Retrieve training

Cross Validation

Logfile

Parameters

logverbosity: init

logfile

Show advanced parameters

Change compatibility (9.0.003)

Help

Process

RapidMiner Studio Core

Synopsis

The root operator which is the outer most operator of every process.

Description

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

<new process> - RapidMiner Studio Free 9.0.003 @ LABSI-02-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

RuleModel (Rule Induction)

ExampleSet (/Local Repository/training)

PerformanceVector (Performance)

Result History

Criterion: accuracy

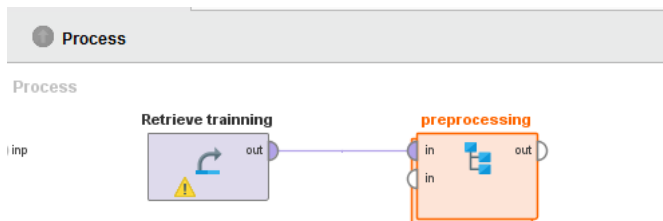
Table View Plot View

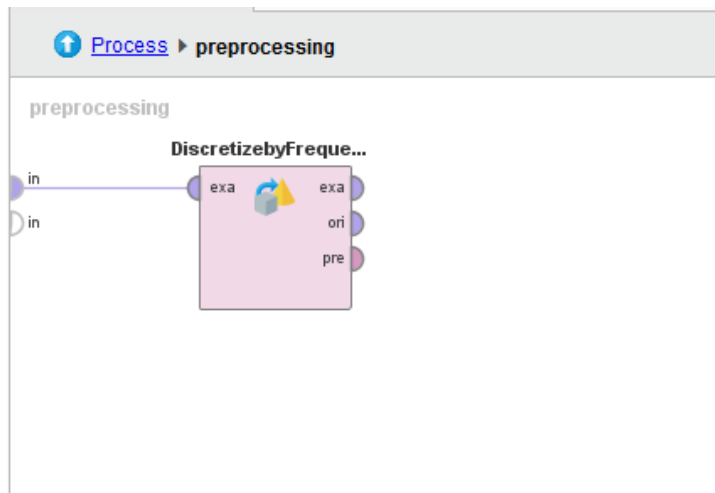
accuracy: 65.00% +/- 45.00% (micro average: 71.43%)

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

Repository

- Training Resources (connected)
 - Samples
 - Community Samples (connected)
 - DB
 - Local Repository (LABSI-02)
 - Connections (LABSI-02)
 - data (LABSI-02)
 - processes (LABSI-02)
 - data_training (LABSI-02 - v1, 11/21/19 1:16 PM)
 - training (LABSI-02 - v1, 11/21/19 1:16 PM)
 - Cloud Repository (disconnected)





Process ▶ preprocessing

100%

preprocessing

DiscretizebyFreque...

out

Insert Operator

- Insert Building Block
- Save as Building Block...
- Cut (Ctrl+X)
- Copy (Ctrl+C)
- Paste (Ctrl+V)
- Delete (Delete)
- Add note
- Show all notes
- Set background image
- Breakpoint Before (Shift+F7)
- Breakpoint After (F7)
- Remove all Breakpoints
- Change operator order
- Process Layout
- Print/Export Image

Data Access

- Blending
 - Numerical to Binominal
 - Numerical to Polynomial
 - Numerical to Real
 - Numerical to Date
 - Real to Integer
 - Nominal to Binominal
 - Nominal to Text
 - Nominal to Numerical
 - Nominal to Date
 - Text to Nominal
 - Date to Numerical
 - Date to Nominal
 - Parse Numbers
 - Format Numbers
 - Guess Types

Attributes

- Names & Roles
 - Types
 - Selection
 - Generation
 - Reorder Attributes

Leverage the Wisdom of Crowds to get operator recommendations by

Activate Wisdom of Crowds

preprocessing (Subprocess)

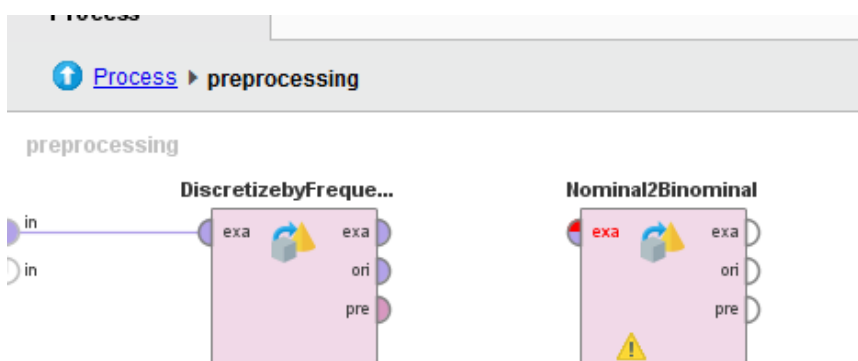
No parameters to display

Subprocess

oidMiner Studio Core

up, Sub-process, Routine, Function, Process, Utility

operator introduces a process within Whenever a Subprocess operator is reached during a process execution, first



RapidMiner Studio Free 9.0.003 @ LABSI-02-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- Import Data
- DB
- Local Repository (LABSI-02)
 - Connections (LABSI-02)
 - data (LABSI-02)
 - processes (LABSI-02)
 - data_training (LABSI-02 - v1)
 - training (LABSI-02 - v1, 11/21)
- Cloud Repository (disconnected)

Operators

utility

- Utility (1)
 - Generate Data (ARIMA)
- Utility (4)
 - Multiply
 - Subprocess
 - Schedule Process
 - Execute Process

No results were found.

Process

Process > preprocessing 100%

preprocessing

DiscretizebyFreque... Nominal2Binominal

in in out out

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Parameters

preprocessing (Subprocess)

No parameters to display.

Help

Subprocess

RapidMiner Studio Core

Tags: Group, Sub-process, Routine, Function, Building, Block, Process, Utility

Synopsis

This operator introduces a process within a process. Whenever a Subprocess operator is reached during a process execution, first the entire

RapidMiner Studio Free 9.0.003 @ LABSI-02-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- Import Data
- DB
- Local Repository (LABSI-02)
 - Connections (LABSI-02)
 - data (LABSI-02)
 - processes (LABSI-02)
 - data_training (LABSI-02 - v1)
 - training (LABSI-02 - v1, 11/21)
- Cloud Repository (disconnected)

Operators

utility

- Utility (1)
 - Generate Data (ARIMA)
- Utility (4)
 - Multiply
 - Subprocess
 - Schedule Process
 - Execute Process

No results were found.

Process

Process > Process 100%

Process

Retrieve training preprocessing FP-Growth

in in out out

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Parameters

Process

logverbosity init

logfile

Show advanced parameters

Change compatibility (9.0.003)

Help

Process

RapidMiner Studio Core

Synopsis

The root operator which is the outer most operator of every process.

Description

new process* - RapidMiner Studio Free 9.0.003 @ LABSI-02-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- Import Data
- DB
- Local Repository (LABSI-02)
 - Connections (LABSI-02)
 - data (LABSI-02)
 - processes (LABSI-02)
 - data_training (LABSI-02 - v1)
 - training (LABSI-02 - v1, 11/21)
- Cloud Repository (disconnected)

Operators

utility

- Utility (1)
 - Generate Data (ARIM)
- Utility (4)
 - Multiply
 - Subprocess
 - Schedule Process
 - Execute Process

No results were found.

Process

Process

100%

Retrieve training preprocessing FP-Growth

inp out out in out out exa exa exa res res

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Parameters

FP-Growth

- min items per itemset 1
- max items per itemset 0
- max number of itemsets 1000000
- ☒ find min number of itemsets
- min number of itemsets 100
- must contain list [Edit Enumeration...](#)
- [Show advanced parameters](#)

Help

FP-Growth

Concurrency

Tags: Associations, Market Basket, Upselling, Up-selling, Crossselling, Cross-selling, Itemset, Item-set, Item set, Mining, Frequent, Patterns

Synopsis

This Operator efficiently calculates all frequently-occurring itemsets in an ExampleSet, using the FP-

new process* - RapidMiner Studio Free 9.0.003 @ LABSI-02-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- Import Data
- DB
- Local Repository (LABSI-02)
 - Connections (LABSI-02)
 - data (LABSI-02)
 - processes (LABSI-02)
 - data_training (LABSI-02 - v1)
 - training (LABSI-02 - v1, 11/21)
- Cloud Repository (disconnected)

Operators

utility

- Utility (1)
 - Generate Data (ARIM)
- Utility (4)
 - Multiply
 - Subprocess
 - Schedule Process
 - Execute Process

No results were found.

Process

Process

100%

Retrieve training preprocessing FP-Growth Create Association ...

inp out out in out out exa exa exa res res res res

Leverage the Wisdom of Crowds to get operator recommendations based on your process design!

Activate Wisdom of Crowds

Parameters

Process

- logverbosity init
- logfile
- [Show advanced parameters](#)
- [Change compatibility \(9.0.003\)](#)

Help

Process

RapidMiner Studio Core

Synopsis

The root operator which is the outer most operator of every process.

Description

<new process> - RapidMiner Studio Free 9.0.003 @ LABSI-02-PC

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

ExampleSet (Nominal2Binominal) ExampleSet (/Local Repository/training)

Result History FrequentItemSets (FP-Growth) AssociationRules (Create Association Rules)

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		

Repository

- Training Resources (connected)
 - Samples
 - Community Samples (connected)
 - DB
 - Local Repository (LABSI-02)
 - Connections (LABSI-02)
 - data (LABSI-02)
 - processes (LABSI-02)
 - data_training (LABSI-02 - v1, 11/21/19 1:28 PM)
 - training (LABSI-02 - v1, 11/21/19 1:28 PM)
 - Cloud Repository (disconnected)

13:39 21/11/2019

3	0.071	Kelembaban_udara	Berangin	Suhu		
3	0.071	Kelembaban_udara	Berangin	Cuaca = Cerah		
3	0.071	Kelembaban_udara	Berangin	Cuaca = Hujan		
3	0.071	Kelembaban_udara	Berangin	Cuaca = Mendung		
3	0.143	Kelembaban_udara	Suhu	Cuaca = Cerah		
3	0.071	Kelembaban_udara	Suhu	Cuaca = Mendung		
3	0.143	Berangin	Suhu	Cuaca = Cerah		
4	0.071	Kelembaban_udara	Berangin	Suhu	Cuaca = Cerah	

<new process> - RapidMiner Studio Free 9.0.003 @ LABSI-02-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 AssociationRules (Create Association Rules) FrequentItemSets (FP-Growth) ExampleSet (Nominal2Binominal) ExampleSet (/Local Repository/training)

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

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

Min. Criterion: confidence
Min. Criterion Value:

13:40 21/11/2019

Result History

AssociationRules (Create Association Rules)

ExampleSet (Nominal2Binominal)

ExampleSet (/Local Repository/training)

Show rules matching

all of these conclusions:

Suhu

Cuaca = Cerah

	Conclusion	Support	Confidence	LaPlace	Gain	p-s	Lift	Convict...
	Cuaca = Cerah	0.143	1	1	-0.143	0.092	2.800	∞
	Suhu	0.143	1	1	-0.143	0.082	2.333	∞
u	Cuaca = Cerah	0.071	1	1	-0.071	0.046	2.800	∞
ica = Cerah	Suhu	0.071	1	1	-0.071	0.041	2.333	∞

Min. Criterion:

confidence

Min. Criterion Value:

ExampleSet (Nominal2Binominal)

ExampleSet (/Local Repository/training)

Result History

FrequentItemSets (FP-Growth)

AssociationRules (Create Association Rules)

Zoom

ISOM

☒ Node Labels

☐ Edge Labels

Filter

Show rules matching

all of these conclusions:

Suhu

Cuaca = Cerah

Min. Criterion:

confidence

Min. Criterion Value:

Rule 1 (0.143 / 1.000)

Rule 2 (0.143 / 1.000)

Rule 3 (0.071 / 1.000)

Rule 4 (0.071 / 1.000)

Kelembaban_udara

Suhu

Cuaca = Cerah

Berangin

Repository

Import Data

Training Resources (connected)

Samples

Community Samples (connected)

DB

Local Repository (LABSI-02)

Connections (LABSI-02)

data (LABSI-02)

processes (LABSI-02)

data_training (LABSI-02 - v1, 11/2)

training (LABSI-02 - v1, 11/21/19 1)

Cloud Repository (disconnected)

