

Kelas : D

[illegible]

<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

Find data, operators, etc. All Studio

Repository

- Import Data
- Local Repository (LABSI-20)
 - Connections (LABSI-20)
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 - processes (LABSI-20)
 - DataCuaCa (LABSI-20 - v1, 11/21/19 11:06 AM)
 - Siswa (LABSI-20 - v1, 11/21/19 11:30 AM - 675)
- Cloud Repository (disconnected)

Process

Process: Cross Validation

100%

Training: tra → Rule Induction → mod → tes → thr

Testing: mod → thr → Apply Model → lab → per → tes → per

Parameters

Apply Model

No parameters to display.

Show advanced parameters
Change compatibility (9.0.003)

Help

Apply Model

RapidMiner Studio Core

Tags: Predict, Predictions, Forecasts, Scores, Scoring, Trained, Test

Synopsis

This Operator applies a model on an ExampleSet.

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

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

Activate Wisdom of Crowds

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Result History

- ExampleSet (/Local Repository/DataCuaCa)
- ExampleSet (/Local Repository/Siswa)
- ExampleSet (/Local Repository/DataCuaCa)
- ExampleSet (/Local Repository/DataCuaCa)
- PerformanceVector (Performance)
- RuleModel (Rule Induction)

RuleModel

Description

```
if Rerata_SKS > 18.500 then TEPAT (2 / 10)
if Gender = FRIA then TERLAMBAT (4 / 0)
if Jurusan_SMA = IPA then TEPAT (0 / 2)
if Jurusan_SMA = IPS then TERLAMBAT (1 / 0)
else TEPAT (0 / 0)
```

Annotations

correct: 17 out of 19 training examples.

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ExampleSet (/Local Repository/DataCuaca) ExampleSet (/Local Repository/DataCuaca) ExampleSet (/Local Repository/Siswa) ExampleSet (/Local Repository/DataCuaca)

Result History

Performance

Criterion
accuracy

Description

Annotations

PerformanceVector (Performance)

Table View Plot View

accuracy: 65.00% +/- 32.02% (micro average: 65.00%)

| | true TERLAMBAT | true TEPAT | class precision |
|-----------------|----------------|------------|-----------------|
| pred. TERLAMBAT | 4 | 4 | 50.00% |
| pred. TEPAT | 3 | 9 | 75.00% |
| class recall | 57.14% | 69.23% | |

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Operators

CREATE ASSO

- Modeling (1)
 - Associations (1)
 - Create Association Rule

No results were found.

Process

Process

100%

Retrieve Siswa

Preprocessing

FP-Growth

Create Association ...

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

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

Activate Wisdom of Crowds

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Operators

CREATE ASSO

- Modeling (1)
 - Associations (1)
 - Create Association Rule

No results were found.

Process

Process

100%

Preprocessing

Discretize

Nominal to Binominal

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 used, it creates a new process.

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

Activate Wisdom of Crowds

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ExampleSet (/Local Repository/DataCuaca) ExampleSet (/Local Repository/DataCuaca)

ExampleSet (Nominal to Binomial) ExampleSet (/Local Repository/Siswa) ExampleSet (/Local Repository/DataCuaca)

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

Data Annotations

No. of Sets: 55
Total Max. Size: 5

Min. Size: 1
Max. Size: 5

Contains Item:

Update View

| Size | Support | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|------|---------|------------------|------------------|--------|--------|--------|
| 1 | 0.750 | Gender | | | | |
| 1 | 0.500 | Jurusan_SMA =... | | | | |
| 1 | 0.300 | Asal_Sekolah | | | | |
| 1 | 0.300 | Jurusan_SMA =... | | | | |
| 1 | 0.250 | Asisten | | | | |
| 1 | 0.250 | Rerata_SKS | | | | |
| 1 | 0.200 | Jurusan_SMA =... | | | | |
| 2 | 0.350 | Gender | Jurusan_SMA =... | | | |
| 2 | 0.250 | Gender | Asal_Sekolah | | | |
| 2 | 0.250 | Gender | Jurusan_SMA =... | | | |
| 2 | 0.200 | Gender | Asisten | | | |
| 2 | 0.250 | Gender | Rerata_SKS | | | |
| 2 | 0.150 | Gender | Jurusan_SMA =... | | | |
| 2 | 0.150 | Jurusan_SMA =... | Asal_Sekolah | | | |

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11/21/2019

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Contains Item:

Update View

| Size | Support | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|------|---------|------------------|------------------|------------------|--------|--------|
| 2 | 0.150 | Asal_Sekolah | Asisten | | | |
| 2 | 0.150 | Asal_Sekolah | Rerata_SKS | | | |
| 2 | 0.050 | Asal_Sekolah | Jurusan_SMA =... | | | |
| 2 | 0.100 | Jurusan_SMA =... | Rerata_SKS | | | |
| 2 | 0.150 | Asisten | Rerata_SKS | | | |
| 2 | 0.050 | Asisten | Jurusan_SMA =... | | | |
| 2 | 0.050 | Rerata_SKS | Jurusan_SMA =... | | | |
| 3 | 0.100 | Gender | Jurusan_SMA =... | Asal_Sekolah | | |
| 3 | 0.150 | Gender | Jurusan_SMA =... | Asisten | | |
| 3 | 0.100 | Gender | Jurusan_SMA =... | Rerata_SKS | | |
| 3 | 0.100 | Gender | Asal_Sekolah | Jurusan_SMA =... | | |
| 3 | 0.100 | Gender | Asal_Sekolah | Asisten | | |
| 3 | 0.150 | Gender | Asal_Sekolah | Rerata_SKS | | |
| 3 | 0.050 | Gender | Asal_Sekolah | Jurusan_SMA =... | | |

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Contains Item:

Update View

| Size | Support | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|------|---------|------------------|------------------|------------------|------------|--------|
| 3 | 0.100 | Gender | Jurusan_SMA =... | Rerata_SKS | | |
| 3 | 0.150 | Gender | Asisten | Rerata_SKS | | |
| 3 | 0.050 | Gender | Asisten | Jurusan_SMA =... | | |
| 3 | 0.050 | Gender | Rerata_SKS | Jurusan_SMA =... | | |
| 3 | 0.100 | Jurusan_SMA =... | Asal_Sekolah | Asisten | | |
| 3 | 0.050 | Jurusan_SMA =... | Asal_Sekolah | Rerata_SKS | | |
| 3 | 0.100 | Jurusan_SMA =... | Asisten | Rerata_SKS | | |
| 3 | 0.050 | Asal_Sekolah | Jurusan_SMA =... | Rerata_SKS | | |
| 3 | 0.100 | Asal_Sekolah | Asisten | Rerata_SKS | | |
| 3 | 0.050 | Asal_Sekolah | Asisten | Jurusan_SMA =... | | |
| 3 | 0.050 | Asal_Sekolah | Rerata_SKS | Jurusan_SMA =... | | |
| 3 | 0.050 | Asisten | Rerata_SKS | Jurusan_SMA =... | | |
| 4 | 0.050 | Gender | Jurusan_SMA =... | Asal_Sekolah | Asisten | |
| 4 | 0.050 | Gender | Jurusan_SMA =... | Asal_Sekolah | Rerata_SKS | |

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Min. Size: 1
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Contains Item:

Update View

| Size | Support | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|------|---------|------------------|------------------|------------------|------------------|------------|
| 3 | 0.100 | Asal_Sekolah | Asisten | Rerata_SKS | | |
| 3 | 0.050 | Asal_Sekolah | Asisten | Jurusan_SMA =... | | |
| 3 | 0.050 | Asal_Sekolah | Rerata_SKS | Jurusan_SMA =... | | |
| 3 | 0.050 | Asisten | Rerata_SKS | Jurusan_SMA =... | | |
| 4 | 0.050 | Gender | Jurusan_SMA =... | Asal_Sekolah | Asisten | |
| 4 | 0.050 | Gender | Jurusan_SMA =... | Asal_Sekolah | Rerata_SKS | |
| 4 | 0.100 | Gender | Jurusan_SMA =... | Asisten | Rerata_SKS | |
| 4 | 0.050 | Gender | Asal_Sekolah | Jurusan_SMA =... | Rerata_SKS | |
| 4 | 0.100 | Gender | Asal_Sekolah | Asisten | Rerata_SKS | |
| 4 | 0.050 | Gender | Asal_Sekolah | Asisten | Jurusan_SMA =... | |
| 4 | 0.050 | Gender | Asal_Sekolah | Rerata_SKS | Jurusan_SMA =... | |
| 4 | 0.050 | Gender | Asisten | Rerata_SKS | Jurusan_SMA =... | |
| 4 | 0.050 | Jurusan_SMA =... | Asal_Sekolah | Asisten | Rerata_SKS | |
| 4 | 0.050 | Asal_Sekolah | Asisten | Rerata_SKS | Jurusan_SMA =... | |
| 5 | 0.050 | Gender | Jurusan_SMA =... | Asal_Sekolah | Asisten | Rerata_SKS |

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DECISSION

ExampleSet (/Local Repository/DataCuaca) ExampleSet (/Local Repository/Siswa) ExampleSet (/Local Repository/DataCuaca)

ExampleSet (Nominal to Binominal) ExampleSet (/Local Repository/Siswa) ExampleSet (/Local Repository/DataCuaca)

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

Show rules matching
all of these conclusions: Gender, Jurusan_SMA = IPA, Asal_Sekolah, Asisten, Rerata_SKS

Min. Criterion: confidence
Min. Criterion Value: 0.050

| No. | Premises | Conclusion | Support |
|-----|----------------------------------|--------------|---------|
| 3 | Asal_Sekolah | Gender | 0.250 |
| 4 | Jurusan_SMA = IPS | Gender | 0.250 |
| 5 | Rerata_SKS | Gender | 0.250 |
| 6 | Jurusan_SMA = IPA, Rerata_SKS | Gender | 0.100 |
| 7 | Asal_Sekolah, Jurusan_SMA = IPS | Gender | 0.100 |
| 8 | Asal_Sekolah, Rerata_SKS | Gender | 0.150 |
| 9 | Asal_Sekolah, Jurusan_SMA = LAIN | Gender | 0.050 |
| 10 | Jurusan_SMA = IPS, Rerata_SKS | Gender | 0.100 |
| 11 | Asisten, Rerata_SKS | Gender | 0.150 |
| 12 | Asisten, Jurusan_SMA = LAIN | Gender | 0.050 |
| 13 | Rerata_SKS, Jurusan_SMA = LAIN | Gender | 0.050 |
| 14 | Jurusan_SMA = IPA, Rerata_SKS | Asisten | 0.100 |
| 15 | Asal_Sekolah, Jurusan_SMA = LAIN | Asisten | 0.050 |
| 16 | Asisten, Jurusan_SMA = LAIN | Asal_Sekolah | 0.050 |

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Show rules matching
all of these conclusions: Gender, Jurusan_SMA = IPA, Asal_Sekolah, Asisten, Rerata_SKS

Min. Criterion: confidence
Min. Criterion Value: 0.050

| | Support | Confidence | LaPlace | Gain | p-s | Lift | Convict... |
|--|---------|------------|---------|--------|-------|-------|------------|
| | 0.250 | 0.833 | 0.962 | -0.350 | 0.025 | 1.111 | 1.500 |
| | 0.250 | 0.833 | 0.962 | -0.350 | 0.025 | 1.111 | 1.500 |
| | 0.250 | 1 | 1 | -0.250 | 0.062 | 1.333 | ∞ |
| | 0.100 | 1 | 1 | -0.100 | 0.025 | 1.333 | ∞ |
| | 0.100 | 1 | 1 | -0.100 | 0.025 | 1.333 | ∞ |
| | 0.150 | 1 | 1 | -0.150 | 0.038 | 1.333 | ∞ |
| | 0.050 | 1 | 1 | -0.050 | 0.012 | 1.333 | ∞ |
| | 0.100 | 1 | 1 | -0.100 | 0.025 | 1.333 | ∞ |
| | 0.150 | 1 | 1 | -0.150 | 0.038 | 1.333 | ∞ |
| | 0.050 | 1 | 1 | -0.050 | 0.012 | 1.333 | ∞ |
| | 0.050 | 1 | 1 | -0.050 | 0.012 | 1.333 | ∞ |
| | 0.100 | 1 | 1 | -0.100 | 0.075 | 4 | ∞ |
| | 0.050 | 1 | 1 | -0.050 | 0.038 | 4 | ∞ |
| | 0.050 | 1 | 1 | -0.050 | 0.035 | 3.333 | ∞ |

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