

Nama : Malvin Iqbal Firdaus

Kelas : B

Nim : L200170035

Praktikum 1

//Local Repository/hasil1 - RapidMiner Studio Free 9.0.003 @ DESKTOP-7UM84PR

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

- data_prediksi (Person - v1, 11/13/19 6:01 AM - 314 bytes)
- data_tugas (Person - v1, 11/13/19 6:53 AM - 488 bytes)
- DATA_tugasnilalujan (Person - v1, 11/14/19 8:22 AM - 1 kB)
- data_tugasprediksi (Person - v1, 11/13/19 7:09 AM - 310 bytes)
- DataCuaca_Testing (Person - v1, 11/7/19 6:00 AM - 357 bytes)
- DataCuaca_Training (Person - v1, 11/21/19 7:41 AM - 529 bytes)
- hasil1 (Person - v1, 11/27/19 3:56 AM - 5 kB)
- hasil2 (Person - v1, 11/27/19 4:04 AM - 8 kB)
- HasilRuleInduction (Person - v1, 11/21/19 6:12 AM - 6 kB)

Operators

performance

- Validation (1)
- Forecast Validation
- Validation (19)
- Performance (17)
- Predictive (7)
- Performance (Classification)
- Performance (Binominal Classification)
- Performance (Regression)
- Performance (Costs)

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

Process

Process

100%

Retrieve DataCuaca... Nominal to Numerical Perceptron Apply Model

Retrieve DataCuaca... Nominal to Numerical

Parameters

Process

logverbosi... init

logfile

[Show advanced parameters](#)

[Change compatibility \(9.0.003\)](#)

Help

Process

RapidMiner Stud Core

Synopsis

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

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

Activate Wisdom of Crowds

Windows taskbar: 4:04 27/11/2019

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File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Result History ExampleSet (Apply Model) ExampleSet (/Local Repository/Tabel_Cuaca_Testing)

ExampleSet (7 examples, 3 special attributes, 7 regular attributes) Filter (7 / 7 examples): all

	prediction(B...	confidence[...	confidence[...	Cuaca = Cer...	Cuaca = Me...	Cuaca = Huj...	Berangin = T...	Berangin = YA	Suhu	Kelembaban...
	TIDAK	1.000	0.000	1	0	0	1	0	75	65
	TIDAK	1.000	0.000	1	0	0	0	1	80	68
	TIDAK	1.000	0.000	1	0	0	0	1	83	87
	TIDAK	1	0	0	1	0	1	0	70	96
	TIDAK	1.000	0.000	0	1	0	1	0	68	81
	TIDAK	1.000	0.000	0	0	1	0	1	65	75
	TIDAK	1	0	0	0	1	0	1	64	85

Repository

- Cuaca333 (Person - v1, 11/27/19 3:56 AM - 5 kB)
- Cuaca_TESTING (Person - v1, 11/27/19 4:04 AM - 8 kB)
- Cuaca_TRAINING (Person - v1, 11/27/19 4:04 AM - 8 kB)
- Cuaca_TRAINING222 (Person - v1, 11/27/19 4:04 AM - 8 kB)
- Cuaca_TRAINING_BAR (Person - v1, 11/27/19 4:04 AM - 8 kB)
- CuacaTraining (Person - v1, 11/27/19 4:04 AM - 8 kB)
- data_lamabelajar (Person - v1, 11/27/19 4:04 AM - 8 kB)
- Data_NilaiUjian (Person - v1, 11/27/19 4:04 AM - 8 kB)
- Data_NilaiUjian2 (Person - v1, 11/27/19 4:04 AM - 8 kB)
- data_prediksi (Person - v1, 11/27/19 4:04 AM - 8 kB)
- data_tugas (Person - v1, 11/27/19 4:04 AM - 8 kB)
- DATA_tugasnilaiujian (Person - v1, 11/27/19 4:04 AM - 8 kB)
- data_tugasprediksi (Person - v1, 11/27/19 4:04 AM - 8 kB)
- DataCuaca_Testing (Person - v1, 11/27/19 4:04 AM - 8 kB)
- DataCuaca_Training (Person - v1, 11/27/19 4:04 AM - 8 kB)
- hasil1 (Person - v1, 11/27/19 4:04 AM - 8 kB)
- hasil2 (Person - v1, 11/27/19 4:04 AM - 8 kB)
- HasilRuleInduction (Person - v1, 11/27/19 4:04 AM - 8 kB)
- L200170107_baru (Person - v1, 11/27/19 4:04 AM - 8 kB)
- MahasiswaTraining (Person - v1, 11/27/19 4:04 AM - 8 kB)

Praktikum 2

//Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 © DESKTOP-7UM84PR

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- data_prediksi (Person - v1, 11/13/19 6:01 AM - 314 bytes)
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- data_tugasprediksi (Person - v1, 11/13/19 7:09 AM - 310 bytes)
- DataCuaca_Testing (Person - v1, 11/17/19 6:00 AM - 357 bytes)
- DataCuaca_Training (Person - v1, 11/21/19 7:41 AM - 529 bytes)
- hasil1 (Person - v1, 11/27/19 3:56 AM - 5 kB)
- hasil2 (Person - v1, 11/27/19 4:04 AM - 8 kB)
- HasilRuleInduction (Person - v1, 11/21/19 6:12 AM - 6 kB)

Operators

performance

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

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

Process

Process

Retrieve DataCuaca... Cross Validation

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 outermost operator of every process.

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

Activate Wisdom of Crowds

Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 @ DESKTOP-7UM84PR

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
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- data_tugasprediksi (Person - v1, 11/13/19 7:09 AM - 310 bytes)
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- DataCuaca_Training (Person - v1, 11/21/19 7:41 AM - 529 bytes)
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- hasil2 (Person - v1, 11/27/19 4:04 AM - 8 kB)
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Operators

performance

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

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

Process

Process > Cross Validation

100%

Training

- Nominal to Numerical
- Neural Net

Testing

- Nominal to Numerical
- Apply Model

Parameters

Cross Validation

- leave one out
- number of... 10
- sampling... auto

Show advanced parameters

Change compatibility (9.0.003)

Help

Cross Valid

Concurrency

Tags: Cross-Validations, Folds, K-Folds, K-folds, V4 Estimations, Evaluations, Splitting, X-Validation, X-Validation

Synopsis

This Operator perform...

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

Activate Wisdom of Crowds

Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 @ DESKTOP-7UM84PR

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators...etc All Studio

ImprovedNeuralNet (Neural Net)

ExampleSet (Local Repository/Tabel_Cuaca_Testing)

PerformanceVector (Performance)

Result History

Criterion

accuracy

Table View Plot View

accuracy: 50.00% +/- 44.72% (micro average: 57.14%)

	true TIDAK	true YA	class precision
pred. TIDAK	2	3	40.00%
pred. YA	3	6	66.67%
class recall	40.00%	66.67%	

Repository

- Import Data
- Cuaca333 (Person - v1, 11/13/19 6:01 AM - 314 bytes)
- Cuaca_TESTING (Person - v1, 11/13/19 6:53 AM - 488 bytes)
- Cuaca_TRAINING (Person - v1, 11/14/19 8:22 AM - 1 kB)
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- CuacaTraining (Person - v1, 11/14/19 8:22 AM - 1 kB)
- data_Jamabelajar (Person - v1, 11/14/19 8:22 AM - 1 kB)
- Data_NilaiUjian (Person - v1, 11/14/19 8:22 AM - 1 kB)
- Data_NilaiUjian2 (Person - v1, 11/14/19 8:22 AM - 1 kB)
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- HasilRuleInduction (Person - v1, 11/21/19 6:12 AM - 6 kB)
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- MahasiswaTraining (Person - v1, 11/27/19 4:04 AM - 8 kB)

//Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 @ DESKTOP-7UM84PR

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Result History

ImprovedNeuralNet (Neural Net) ExampleSet (/Local Repository/Tabel_Cuaca_Testing)

Neural Net

Description

Annotations

Input Hidden 1 Output

Repository

Import Data

- Cuaca333 (Person - v1, 1)
- Cuaca_TESTING (Person - v1, 1)
- Cuaca_TRAINING (Person - v1, 1)
- Cuaca_TRAINING222 (Person - v1, 1)
- Cuaca_TRAINING_BAR (Person - v1, 1)
- CuacaTraining (Person - v1, 1)
- data_jamabelajar (Person - v1, 1)
- Data_NilaiUjian (Person - v1, 1)
- Data_NilaiUjian2 (Person - v1, 1)
- data_prediksi (Person - v1, 1)
- data_tugas (Person - v1, 1)
- DATA_tugasnilaiujian (Person - v1, 1)
- data_tugasprediksi (Person - v1, 1)
- DataCuaca_Testing (Person - v1, 1)
- DataCuaca_Training (Person - v1, 1)
- hasil1 (Person - v1, 11/27)
- hasil2 (Person - v1, 11/27)
- HasilRuleInduction (Person - v1, 11/27)
- L200170107_baru (Person - v1, 11/27)
- MahasiswaTraining (Person - v1, 11/27)

Windows taskbar: 4:06 27/11/2019

//Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 @ DESKTOP-7UM84PR

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Result History

ImprovedNeuralNet (Neural Net) ExampleSet (/Local Repository/Tabel_Cuaca_Testing)

Neural Net

Description

Annotations

ImprovedNeuralNet

Hidden 1

Node 1 (Sigmoid)

Cuaca = Cerah: -0.990
Cuaca = Mendung: 1.338
Cuaca = Hujan: -0.192
Berangin = TIDAK: 0.742
Berangin = YA: -0.794
Suhu: -0.484
Kelembaban_udara: -0.737
Bias: -0.178

Node 2 (Sigmoid)

Cuaca = Cerah: -0.157
Cuaca = Mendung: 0.313
Cuaca = Hujan: -0.092
Berangin = TIDAK: 0.115
Berangin = YA: -0.107
Suhu: -0.021
Kelembaban_udara: -0.235
Bias: -0.093

Node 3 (Sigmoid)

Repository

Import Data

- Cuaca333 (Person - v1, 1)
- Cuaca_TESTING (Person - v1, 1)
- Cuaca_TRAINING (Person - v1, 1)
- Cuaca_TRAINING222 (Person - v1, 1)
- Cuaca_TRAINING_BAR (Person - v1, 1)
- CuacaTraining (Person - v1, 1)
- data_jamabelajar (Person - v1, 1)
- Data_NilaiUjian (Person - v1, 1)
- Data_NilaiUjian2 (Person - v1, 1)
- data_prediksi (Person - v1, 1)
- data_tugas (Person - v1, 1)
- DATA_tugasnilaiujian (Person - v1, 1)
- data_tugasprediksi (Person - v1, 1)
- DataCuaca_Testing (Person - v1, 1)
- DataCuaca_Training (Person - v1, 1)
- hasil1 (Person - v1, 11/27)
- hasil2 (Person - v1, 11/27)
- HasilRuleInduction (Person - v1, 11/27)
- L200170107_baru (Person - v1, 11/27)
- MahasiswaTraining (Person - v1, 11/27)

Windows taskbar: 4:06 27/11/2019

Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 © DESKTOP-7UM84PR

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Result History

ImprovedNeuralNet (Neural Net)

ExampleSet (/Local Repository/Tabel_Cuaca_Testing)

Neural Net

Description

Annotations

Node 3 (Sigmoid)

Cuaca = Cerah: -0.058
Cuaca = Mendung: 0.043
Cuaca = Hujan: 0.095
Berangin = TIDAK: 0.066
Berangin = YA: -0.070
Suhu: 0.060
Kelembaban_udara: 0.090
Bias: 0.019

Node 4 (Sigmoid)

Cuaca = Cerah: 0.047
Cuaca = Mendung: -0.372
Cuaca = Hujan: 0.229
Berangin = TIDAK: -0.032
Berangin = YA: 0.027
Suhu: 0.104
Kelembaban_udara: 0.402
Bias: 0.110

Node 5 (Sigmoid)

Cuaca = Cerah: -1.234
Cuaca = Mendung: 1.590
Cuaca = Hujan: -0.192
Berangin = TIDAK: 0.956
Berangin = YA: -0.978
Suhu: -0.598

Repository

Import Data

Cuaca333 (Person - v1, 1)
Cuaca_TESTING (Person - v1, 1)
Cuaca_TRAINING (Person - v1, 1)
Cuaca_TRAINING222 (Person - v1, 1)
Cuaca_TRAINING_BAR (Person - v1, 1)
CuacaTraining (Person - v1, 1)
data_lamabelajar (Person - v1, 1)
Data_NilaiUjian (Person - v1, 1)
Data_NilaiUjian2 (Person - v1, 1)
data_prediksi (Person - v1, 1)
data_tugas (Person - v1, 1)
DATA_tugasnilaiujian (Person - v1, 1)
data_tugasprediksi (Person - v1, 1)
DataCuaca_Testing (Person - v1, 1)
DataCuaca_Training (Person - v1, 1)
hasil1 (Person - v1, 11/27)
hasil2 (Person - v1, 11/27)
HasilRuleInduction (Person - v1, 11/27)
L200170107_baru (Person - v1, 11/27)
MahasiswaTraining (Person - v1, 11/27)

Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 © DESKTOP-7UM84PR

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Result History

ImprovedNeuralNet (Neural Net)

ExampleSet (/Local Repository/Tabel_Cuaca_Testing)

Neural Net

Description

Annotations

Node 5 (Sigmoid)

Cuaca = Cerah: -1.234
Cuaca = Mendung: 1.590
Cuaca = Hujan: -0.192
Berangin = TIDAK: 0.956
Berangin = YA: -0.978
Suhu: -0.598
Kelembaban_udara: -0.805
Bias: -0.151

Node 6 (Sigmoid)

Cuaca = Cerah: -1.038
Cuaca = Mendung: 1.407
Cuaca = Hujan: -0.159
Berangin = TIDAK: 0.826
Berangin = YA: -0.818
Suhu: -0.476
Kelembaban_udara: -0.776
Bias: -0.153

Output

=====
Class 'TIDAK' (Sigmoid)
Node 1: -1.370
Node 2: -0.800

Repository

Import Data

Cuaca333 (Person - v1, 1)
Cuaca_TESTING (Person - v1, 1)
Cuaca_TRAINING (Person - v1, 1)
Cuaca_TRAINING222 (Person - v1, 1)
Cuaca_TRAINING_BAR (Person - v1, 1)
CuacaTraining (Person - v1, 1)
data_lamabelajar (Person - v1, 1)
Data_NilaiUjian (Person - v1, 1)
Data_NilaiUjian2 (Person - v1, 1)
data_prediksi (Person - v1, 1)
data_tugas (Person - v1, 1)
DATA_tugasnilaiujian (Person - v1, 1)
data_tugasprediksi (Person - v1, 1)
DataCuaca_Testing (Person - v1, 1)
DataCuaca_Training (Person - v1, 1)
hasil1 (Person - v1, 11/27)
hasil2 (Person - v1, 11/27)
HasilRuleInduction (Person - v1, 11/27)
L200170107_baru (Person - v1, 11/27)
MahasiswaTraining (Person - v1, 11/27)

//Local Repository/hasil2 - RapidMiner Studio Free 9.0.003 © DESKTOP-7UM84PR

File Edit Process View Connections Cloud Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Result History

ImprovedNeuralNet (Neural Net)

Output

=====
Class 'TIDAK' (Sigmoid)
Node 1: -1.370
Node 2: -0.090
Node 3: 0.253
Node 4: 0.652
Node 5: -1.742
Node 6: -1.471
Threshold: 0.979
Class 'YA' (Sigmoid)
Node 1: 1.385
Node 2: 0.106
Node 3: -0.235
Node 4: -0.662
Node 5: 1.759
Node 6: 1.456
Threshold: -0.996

Repository

Import Data

- Cuaca333 (Person - v1, 1)
- Cuaca_TESTING (Person - v1, 1)
- Cuaca_TRAINING (Person - v1, 1)
- Cuaca_TRAINING222 (Person - v1, 1)
- Cuaca_TRAINING_BAR (Person - v1, 1)
- CuacaTraining (Person - v1, 1)
- data_jamabelajar (Person - v1, 1)
- Data_NilaiUjian (Person - v1, 1)
- Data_NilaiUjian2 (Person - v1, 1)
- data_prediksi (Person - v1, 1)
- data_tugas (Person - v1, 1)
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- data_tugasprediksi (Person - v1, 1)
- DataCuaca_Testing (Person - v1, 1)
- DataCuaca_Training (Person - v1, 1)
- hasil1 (Person - v1, 11/27)
- hasil2 (Person - v1, 11/27)
- HasilRuleInduction (Person - v1, 1)
- L200170107_baru (Person - v1, 1)
- MahasiswaTraining (Person - v1, 1)

Windows Taskbar: 4:07 27/11/2019

Tugas

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

Import Data

- processes (LABSI-18)
- Data_Testing (LABSI-18)
- Data_Training (LABSI-18)
- DataCuaca_Testing (LABSI-18)
- DataCuaca_Training (LABSI-18)
- prak 1 (LABSI-18)
- prak 2 (LABSI-18)
- Tugas 1 (LABSI-18)

Operators

performance

Predictive (7)

- Performance (Classification)
- Performance (Binomial)
- Performance (Regression)
- Performance (Costs)
- Performance (Ranking)

No results were found.

Process

Process

100%

Retrieve Data_Training

Nominal to Numerical

Perceptron

Apply Model

Retrieve Data_Testing

Nominal to Numerical

Parameters

Retrieve Data_Testing (Retrieve)

repository entry

Data_Testing

Show advanced parameters

Help

Retrieve

RapidMiner Studio Core

Tags: Load, Import, Read, Datasets, Examples, Example Set, Table, Repository, Data Access

Synopsis

This Operator can access stored information in the Repository and load them into the Process.

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

Activate Wisdom of Crowds

ExampleSet (10 examples, 3 special attributes, 10 regular attributes)

Row No.	prediction(L...	confidence(...	confidence(...	Jurusan_S...	Jurusan_S...	Jurusan_S...	Gender = W...	Gender = PR...	Asal_Sekola...	Asal_Sekola...	Asisten = TL...
1	TEPAT	0.462	0.538	1	0	0	1	0	1	0	1
2	TEPAT	0.385	0.615	0	1	0	0	1	1	0	0
3	TERLAMBAT	0.536	0.464	1	0	0	0	1	1	0	1
4	TERLAMBAT	0.579	0.421	0	0	1	0	1	0	1	1
5	TEPAT	0.465	0.535	1	0	0	1	0	1	0	1
6	TEPAT	0.325	0.675	0	1	0	1	0	0	1	0
7	TEPAT	0.458	0.542	0	1	0	0	1	1	0	1
8	TEPAT	0.455	0.545	0	1	0	0	1	1	0	1
9	TERLAMBAT	0.576	0.424	0	0	1	0	1	0	1	1
10	TEPAT	0.462	0.538	1	0	0	1	0	1	0	1

Asisten - YA	Rerata_Sek...
0	18
1	19
0	19
0	17
0	17
1	18
0	18
0	19
0	18
0	18

3. Perform Percept

ExampleSet (10 examples, 3 special attributes, 10 regular attributes)

Criterion	Accuracy
accuracy	40.00% +/- 31.62% (micro average: 40.00%)

	true TERLAMBAT	true TEPAT	class precision
pred. TERLAMBAT	4	9	30.77%
pred. TEPAT	3	4	57.14%
class recall	57.14%	30.77%	

4. Neural Net

ExampleSet (Apply Model)

Filter (10 / 10 examples): all

Row No.	prediction(L...	confidence(L...	confidence(L...	Jurusan_S...	Jurusan_S...	Jurusan_S...	Gender = W...	Gender = PR...	Asal_Sekola...	Asal_Sekola...	Asisten = TL...
1	TEPAT	0.331	0.669	1	0	0	1	0	1	0	1
2	TEPAT	0.027	0.973	0	1	0	0	1	1	0	0
3	TERLAMBAT	0.588	0.412	1	0	0	0	1	1	0	1
4	TERLAMBAT	0.679	0.321	0	0	1	0	1	0	1	1
5	TEPAT	0.399	0.601	1	0	0	1	0	1	0	1
6	TEPAT	0.032	0.968	0	1	0	1	0	0	1	0
7	TEPAT	0.399	0.601	0	1	0	0	1	1	0	1
8	TEPAT	0.325	0.675	0	1	0	0	1	1	0	1
9	TERLAMBAT	0.655	0.345	0	0	1	0	1	0	1	1
10	TEPAT	0.331	0.669	1	0	0	1	0	1	0	1

ExampleSet (10 examples, 3 special attributes, 10 regular attributes)

Asisten = YA	Rerata_Sek...
0	18
1	19
0	19
0	17
0	17
1	18
0	18
0	19
0	18
0	18

5. Performance Vector

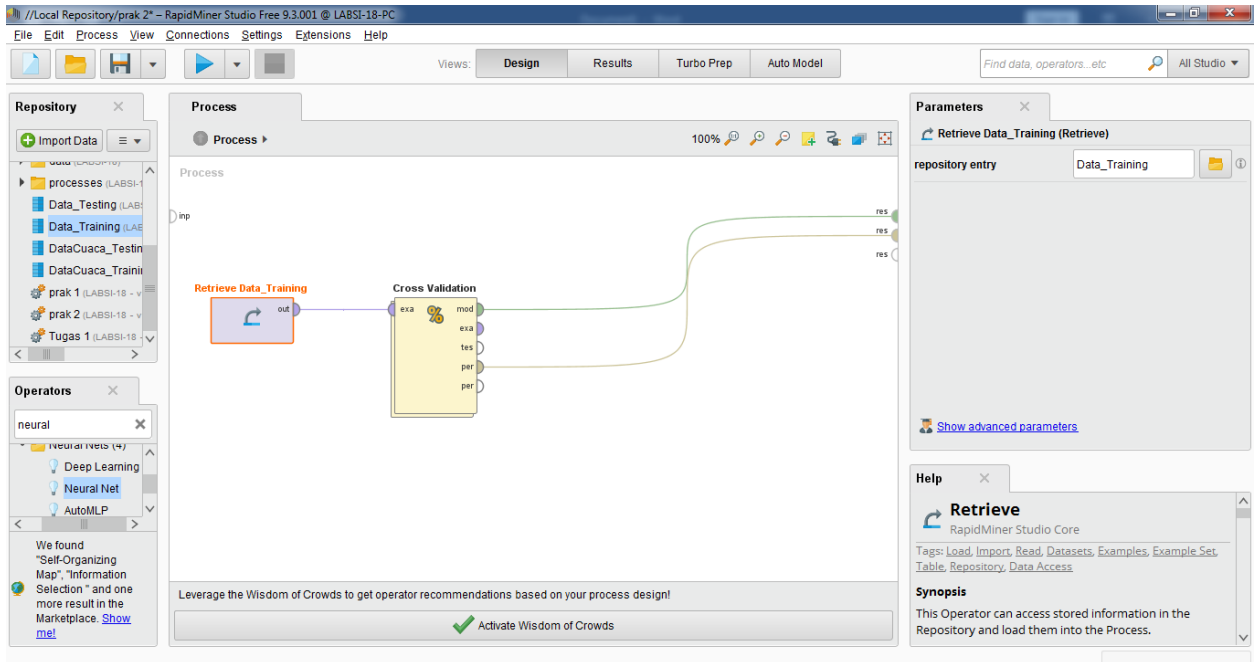
PerformanceVector (Performance)

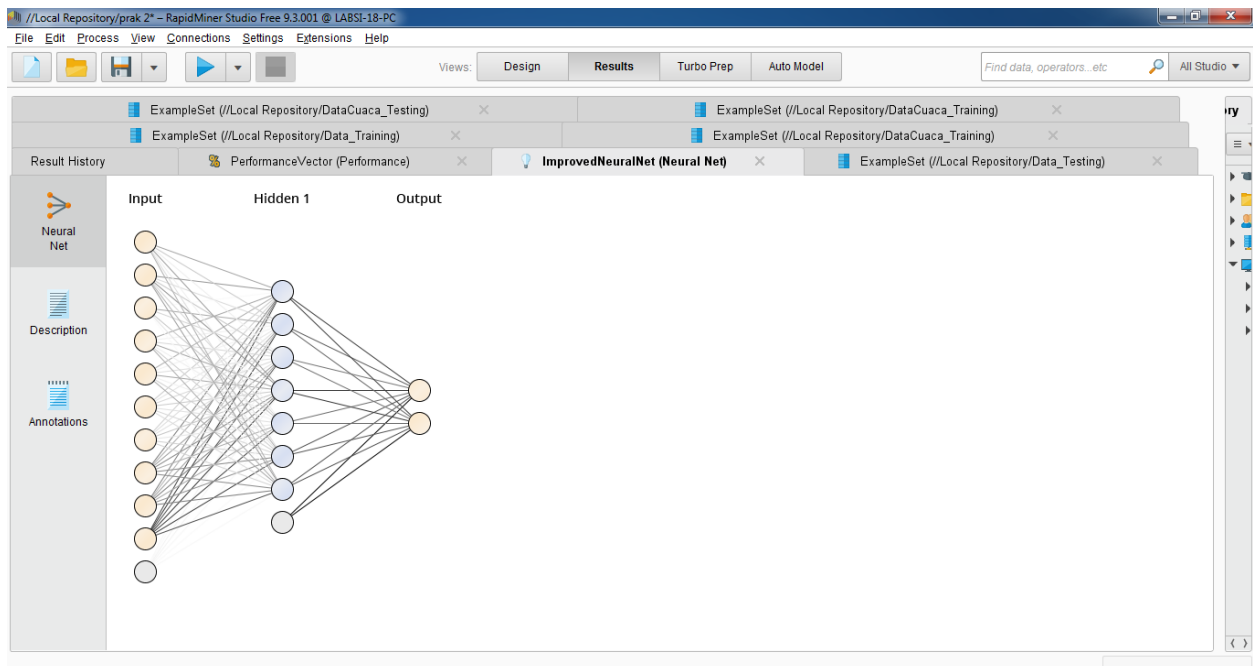
Table View Plot View

accuracy: 60.00% +/- 31.62% (micro average: 60.00%)

	true TERLAMBAT	true TEPAT	class precision
pred. TERLAMBAT	3	4	42.86%
pred. TEPAT	4	9	69.23%
class recall	42.86%	69.23%	

6.

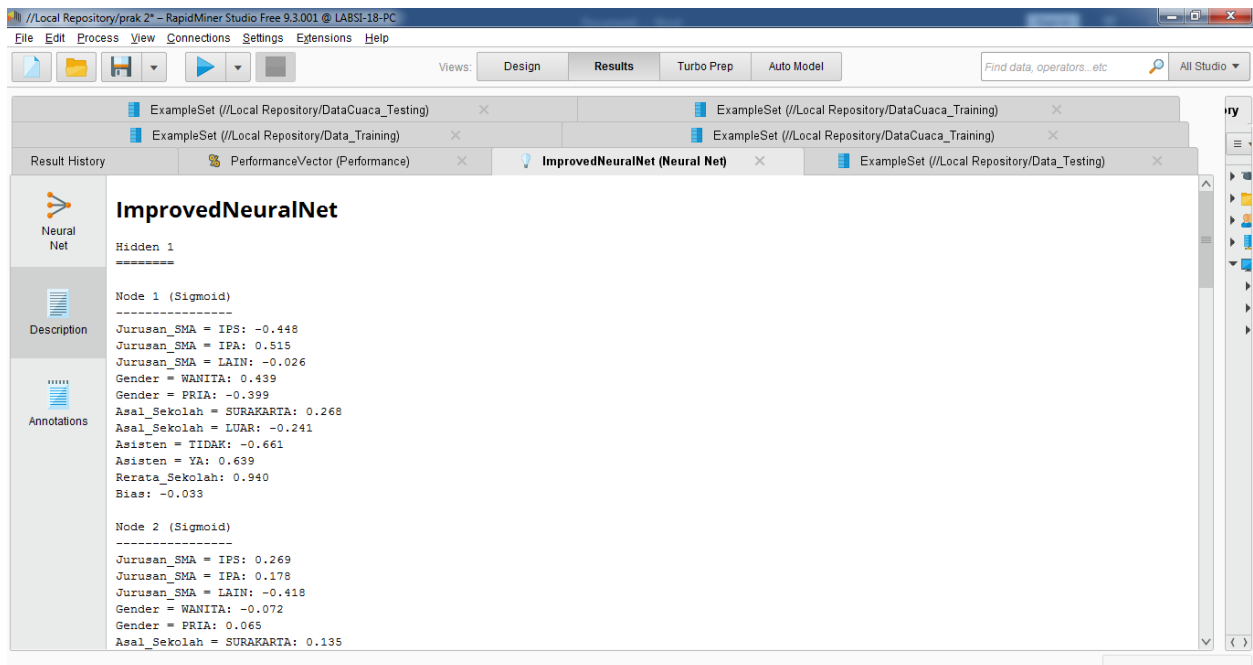




7.

- 1) Input Layer = 10 node
- 2) Hidden Layer = 7 node
- 3) Output = 2 node

8.



Local Repository/prak 2 - RapidMiner Studio Free 9.3.001 @ LABSI-18-PC

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

ExampleSet (/Local Repository/DataCuaca_Testing) ExampleSet (/Local Repository/DataCuaca_Training)

ExampleSet (/Local Repository/Data_Training) ExampleSet (/Local Repository/DataCuaca_Training)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net) ExampleSet (/Local Repository/Data_Testing)

Neural Net

Description

Annotations

Node 2 (Sigmoid)

Jurusan_SMA = IPS: 0.269
Jurusan_SMA = IPA: 0.178
Jurusan_SMA = LAIN: -0.418
Gender = WANITA: -0.072
Gender = PRIA: 0.065
Asal_Sekolah = SURAKARTA: 0.135
Asal_Sekolah = LUAR: -0.166
Asisten = TIDAK: -0.420
Asisten = YA: 0.379
Rerata_Sekolah: 1.007
Bias: 0.025

Node 3 (Sigmoid)

Jurusan_SMA = IPS: -0.085
Jurusan_SMA = IPA: 0.282
Jurusan_SMA = LAIN: -0.208
Gender = WANITA: 0.195
Gender = PRIA: -0.157
Asal_Sekolah = SURAKARTA: 0.188
Asal_Sekolah = LUAR: -0.158
Asisten = TIDAK: -0.492
Asisten = YA: 0.477
Rerata_Sekolah: 0.863
Bias: -0.060

Local Repository/prak 2 - RapidMiner Studio Free 9.3.001 @ LABSI-18-PC

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

ExampleSet (/Local Repository/DataCuaca_Testing) ExampleSet (/Local Repository/DataCuaca_Training)

ExampleSet (/Local Repository/Data_Training) ExampleSet (/Local Repository/DataCuaca_Training)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net) ExampleSet (/Local Repository/Data_Testing)

Neural Net

Description

Annotations

Node 4 (Sigmoid)

Jurusan_SMA = IPS: -0.486
Jurusan_SMA = IPA: 0.540
Jurusan_SMA = LAIN: -0.004
Gender = WANITA: 0.451
Gender = PRIA: -0.434
Asal_Sekolah = SURAKARTA: 0.251
Asal_Sekolah = LUAR: -0.282
Asisten = TIDAK: -0.599
Asisten = YA: 0.644
Rerata_Sekolah: 1.009
Bias: -0.055

Node 5 (Sigmoid)

Jurusan_SMA = IPS: 0.079
Jurusan_SMA = IPA: 0.202
Jurusan_SMA = LAIN: -0.284
Gender = WANITA: 0.085
Gender = PRIA: -0.068
Asal_Sekolah = SURAKARTA: 0.150
Asal_Sekolah = LUAR: -0.122
Asisten = TIDAK: -0.410
Asisten = YA: 0.448
Rerata_Sekolah: 0.951
Bias: 0.041

///Local Repository/prak 2* - RapidMiner Studio Free 9.3.001 @ LABSI-18-PC

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Find data, operators...etc All Studio

ExampleSet (///Local Repository/DataCuaca_Testing) ExampleSet (///Local Repository/DataCuaca_Training) ExampleSet (///Local Repository/Data_Training) ExampleSet (///Local Repository/DataCuaca_Training)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net) ExampleSet (///Local Repository/Data_Testing)

Neural Net

Description

Annotations

Node 6 (Sigmoid)

Jurusan_SMA = IPS: -0.173
Jurusan_SMA = IPA: 0.382
Jurusan_SMA = LAIN: -0.133
Gender = WANITA: 0.248
Gender = PRIA: -0.236
Asal_Sekolah = SURAKARTA: 0.201
Asal_Sekolah = LUAR: -0.222
Asisten = TIDAK: -0.587
Asisten = YA: 0.549
Rerata_Sekolah: 0.962
Bias: 0.023

Node 7 (Sigmoid)

Jurusan_SMA = IPS: -0.397
Jurusan_SMA = IPA: 0.486
Jurusan_SMA = LAIN: 0.023
Gender = WANITA: 0.411
Gender = PRIA: -0.430
Asal_Sekolah = SURAKARTA: 0.187
Asal_Sekolah = LUAR: -0.217
Asisten = TIDAK: -0.577
Asisten = YA: 0.646
Rerata_Sekolah: 0.878
Bias: -0.036

///Local Repository/prak 2* - RapidMiner Studio Free 9.3.001 @ LABSI-18-PC

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model Find data, operators...etc All Studio

ExampleSet (///Local Repository/DataCuaca_Testing) ExampleSet (///Local Repository/DataCuaca_Training) ExampleSet (///Local Repository/Data_Training) ExampleSet (///Local Repository/DataCuaca_Training)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net) ExampleSet (///Local Repository/Data_Testing)

Neural Net

Description

Annotations

Rerata_Sekolah: 0.878
Bias: -0.036

Output

=====
Class 'TERLAMBAT' (Sigmoid)

Node 1: -0.961
Node 2: -0.814
Node 3: -0.681
Node 4: -0.983
Node 5: -0.718
Node 6: -0.864
Node 7: -0.862
Threshold: 1.265

Class 'TEPAT' (Sigmoid)

Node 1: 0.956
Node 2: 0.762
Node 3: 0.705
Node 4: 0.995
Node 5: 0.742
Node 6: 0.844
Node 7: 0.861
Threshold: -1.257

9. Kesimpulanya

Akurasi Neural lebih besar dari perceptron