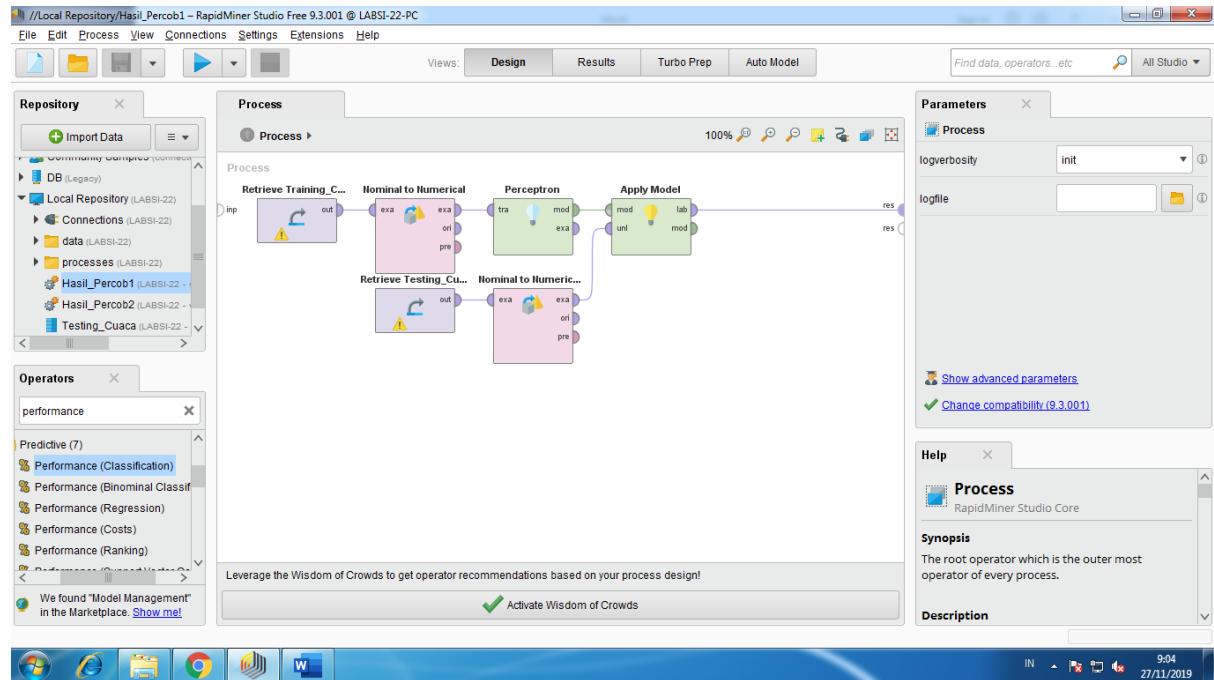


NAMA : IVAN AMAR F

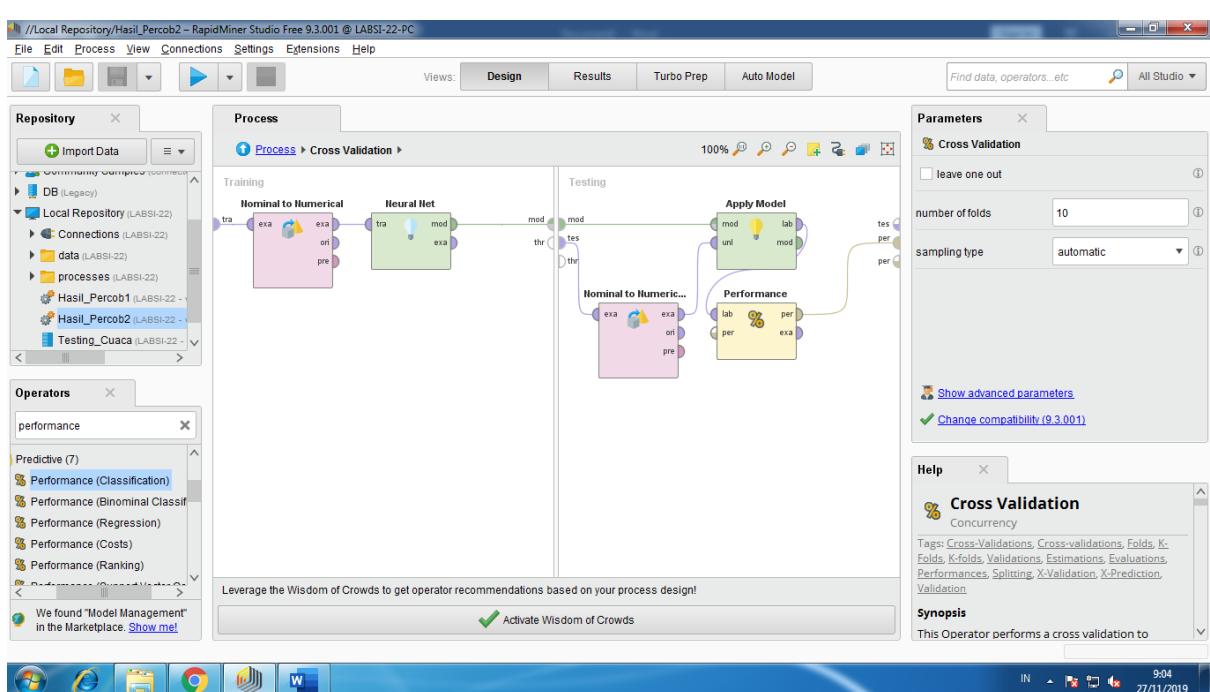
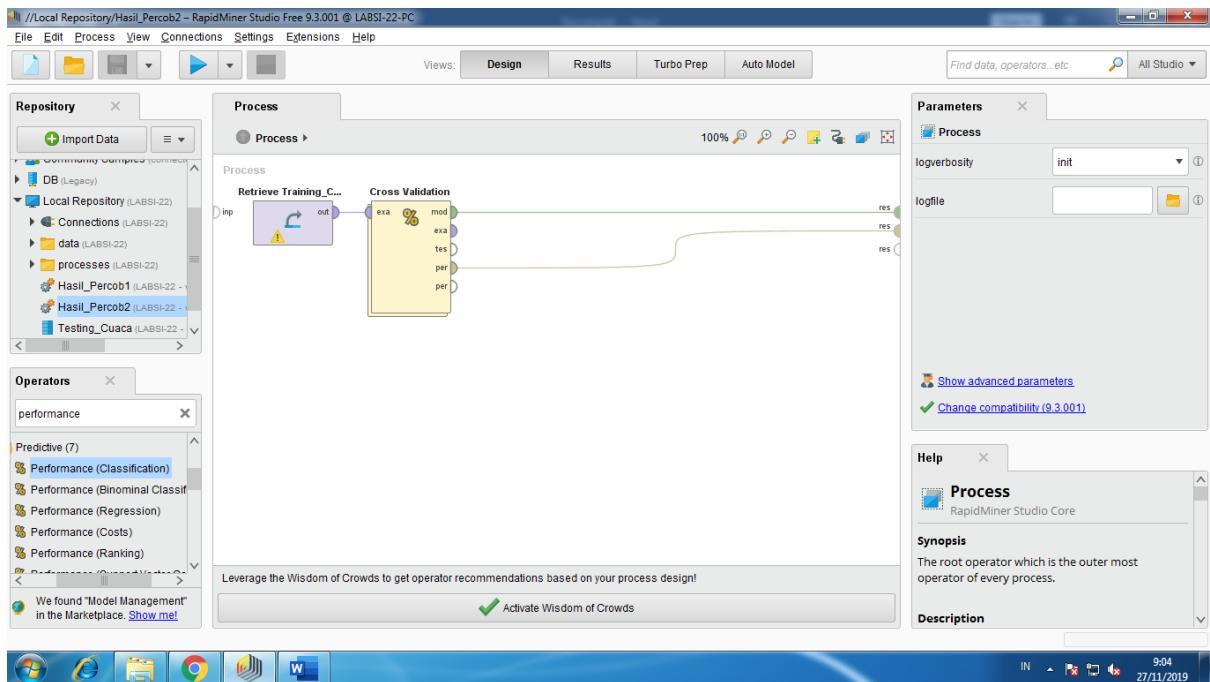
KELAS : B

NIM : L200170040



The screenshot shows the RapidMiner Studio interface displaying the results of the weather prediction process. The 'Results' tab is active, showing an 'ExampleSet' table with 7 examples. The table includes columns for 'Row No.', 'prediction(Bernoulli)', 'confidence(0.000)', 'confidence(1.000)', 'Cuaca = Cer...', 'Cuaca = Me...', 'Cuaca = Huj...', 'Berangin = T...', 'Berangin = YA', and 'Subu'. The data shows various weather conditions and their predictions. The 'Repository' panel on the right lists training resources, samples, and community samples. The status bar at the bottom indicates the date and time as 27/11/2019 9:04.

Row No.	prediction(Bernoulli)	confidence(0.000)	confidence(1.000)	Cuaca = Cer...	Cuaca = Me...	Cuaca = Huj...	Berangin = T...	Berangin = YA	Subu
1	TIDAK	1.000	0.000	1	0	0	1	0	75
2	TIDAK	1.000	0.000	1	0	0	0	1	80
3	TIDAK	1.000	0.000	1	0	0	0	1	83
4	TIDAK	1	0	0	1	0	1	0	70
5	TIDAK	1.000	0.000	0	1	0	1	0	68
6	TIDAK	1.000	0.000	0	0	1	0	1	65
7	TIDAK	1	0	0	0	1	0	1	64



The screenshot shows the RapidMiner Studio interface with the title bar //Local Repository/Hasil\_Percob2 – RapidMiner Studio Free 9.3.001 @ LABSI-22-PC. The menu bar includes File, Edit, Process, View, Connections, Settings, Extensions, and Help. The toolbar has icons for New, Open, Save, Run, and Stop. The top navigation bar shows Views: Design, Results, Turbo Prep, Auto Model. On the right, there's a search bar Find data, operators...etc and a link to All Studio. The main workspace displays three tabs: ExampleSet (/Local Repository/Testing\_Cuaca), ExampleSet (/Local Repository/Training\_Cuaca), and ImprovedNeuralNet (Neural Net). A sidebar on the left shows Result History with items Criterion, accuracy, Performance, Description, and Annotations. The central area shows the PerformanceVector (Performance) results for accuracy: 50.00% +/- 47.14% (micro average: 57.14%). It includes a table view with columns true TIDAK, true YA, and class precision, and rows pred. TIDAK, pred. YA, and class recall. The annotations sidebar on the right lists Training Resources, Samples, Community Samples, DB (Legacy), Local Repository (LABSI-22), and specific project files like Hasil\_Percob1, Hasil\_Percob2, Testing\_Cuaca, and Training\_Cuaca.

The screenshot shows the RapidMiner Studio interface. The title bar reads "//Local Repository/Hasil\_Percob2 – RapidMiner Studio Free 9.3.001 @ LABSI-22-PC". The menu bar includes File, Edit, Process, View, Connections, Settings, Extensions, and Help. The toolbar contains icons for Save, Open, Run, Stop, and Design. The main workspace displays three tabs: "ExampleSet (/Local Repository/Testing\_Cuaca)", "ExampleSet (/Local Repository/Training\_Cuaca)", and "ImprovedNeuralNet (Neural Net)". The "ImprovedNeuralNet" tab shows a neural network diagram with three layers: Input, Hidden 1, and Output. The input layer has 8 nodes, the hidden layer has 5 nodes, and the output layer has 2 nodes. Every node in the input layer is connected to every node in the hidden layer, and every node in the hidden layer is connected to every node in the output layer. On the left side, there is a sidebar with icons for Neural Net, Description, and Annotations. On the right side, there is a "Repository" panel with a tree view showing "Training Resources (connected)", "Samples", "Community Samples (connected)", "DB (Legacy)", "Local Repository (LABSI-22)", "Connections (LABSI-22)", "data (LABSI-22)", "processes (LABSI-22)", "Hasil\_Percob1 (LABSI-22 - v1, 11/27/19 8:55 PM)", "Hasil\_Percob2 (LABSI-22 - v1, 11/27/19 8:55 PM)", "Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:55 PM)", and "Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:55 PM)". The status bar at the bottom shows "IN" and "9:04 27/11/2019".

/Local Repository/Hasil\_Percoba2 – RapidMiner Studio Free 9.3.001 @ LABSI-22-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/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca) ImprovedNeuralNet (Neural Net)

Result History PerformanceVector (Performance)

**ImprovedNeuralNet**

**Hidden 1**

=====

Node 1 (Sigmoid)

=====

Cuaca = Cerah: -0.646  
Cuaca = Mendung: 0.985  
Cuaca = Hujan: -0.127  
Berangin = TIDAK: 0.491  
Berangin = YA: -0.496  
Suhu: -0.277  
Kelembapan\_Udara: -0.596  
Bias: -0.213

Node 2 (Sigmoid)

=====

Cuaca = Cerah: -0.371  
Cuaca = Mendung: 0.652  
Cuaca = Hujan: -0.118  
Berangin = TIDAK: 0.263  
Berangin = YA: -0.292  
Suhu: -0.178  
Kelembapan\_Udara: -0.440  
Bias: -0.114

Node 3 (Sigmoid)

=====

**Annotations**

**Repository**

+ Import Data

Training Resources (connected)  
Samples  
Community Samples (connected)  
DB (Legacy)  
Local Repository (LABSI-22)  
Connections (LABSI-22)  
data (LABSI-22)  
processes (LABSI-22)  
Hasil\_Percoba1 (LABSI-22 - v1, 11/27/19 8:27 AM)  
Hasil\_Percoba2 (LABSI-22 - v1, 11/27/19 9:05 AM)  
Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:27 AM)  
Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:27 AM)

Sending statistics

IN 9:05 27/11/2019

/Local Repository/Hasil\_Percoba2 – RapidMiner Studio Free 9.3.001 @ LABSI-22-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/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca) ImprovedNeuralNet (Neural Net)

Result History PerformanceVector (Performance)

**ImprovedNeuralNet**

**Hidden 1**

=====

Node 1 (Sigmoid)

=====

Cuaca = Cerah: -0.758  
Cuaca = Mendung: 1.156  
Cuaca = Hujan: -0.090  
Berangin = TIDAK: 0.579  
Berangin = YA: -0.633  
Suhu: -0.310  
Kelembapan\_Udara: -0.642  
Bias: -0.197

Node 2 (Sigmoid)

=====

Cuaca = Cerah: -1.035  
Cuaca = Mendung: 1.411  
Cuaca = Hujan: -0.099  
Berangin = TIDAK: 0.826  
Berangin = YA: -0.806  
Suhu: -0.432  
Kelembapan\_Udara: -0.708  
Bias: -0.204

Node 3 (Sigmoid)

=====

Cuaca = Cerah: -0.677  
Cuaca = Mendung: 1.023  
Cuaca = Hujan: -0.154  
Berangin = TIDAK: 0.520  
Berangin = YA: -0.514  
Suhu: -0.291

**Annotations**

**Repository**

+ Import Data

Training Resources (connected)  
Samples  
Community Samples (connected)  
DB (Legacy)  
Local Repository (LABSI-22)  
Connections (LABSI-22)  
data (LABSI-22)  
processes (LABSI-22)  
Hasil\_Percoba1 (LABSI-22 - v1, 11/27/19 8:27 AM)  
Hasil\_Percoba2 (LABSI-22 - v1, 11/27/19 9:05 AM)  
Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:27 AM)  
Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:27 AM)

IN 9:05 27/11/2019

File Edit Process View Connections Settings Extensions Help

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

Repository

Import Data

Training Resources (connected)

Samples

Community Samples (connected)

DB (Legacy)

Local Repository (LABSI-22)

Connections (LABSI-22)

data (LABSI-22)

processes (LABSI-22)

Hasil\_Percoba1 (LABSI-22 - v1, 11/27/19 8:45 AM)

Hasil\_Percoba2 (LABSI-22 - v1, 11/27/19 9:05 AM)

Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:45 AM)

Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:45 AM)

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca) ImprovedNeuralNet (Neural Net)

Result History PerformanceVector (Performance)

**Neural Net**

```

Node 5 (Sigmoid)
-----
Cuaca = Cerah: -0.677
Cuaca = Mendung: 1.023
Cuaca = Hujan: -0.154
Berangin = TIDAK: 0.520
Berangin = YA: -0.514
Suhu: -0.291
Kelembapan_Udara: -0.628
Bias: -0.217

Node 6 (Sigmoid)
-----
Cuaca = Cerah: -0.647
Cuaca = Mendung: 1.038
Cuaca = Hujan: -0.086
Berangin = TIDAK: 0.550
Berangin = YA: -0.495
Suhu: -0.290
Kelembapan_Udara: -0.564
Bias: -0.236

Output
=====

Class 'TIDAK' (Sigmoid)
-----
Node 1: -0.780
Node 2: -0.384

```

**Description**

**Annotations**

9:05 27/11/2019

File Edit Process View Connections Settings Extensions Help

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

Repository

Import Data

Training Resources (connected)

Samples

Community Samples (connected)

DB (Legacy)

Local Repository (LABSI-22)

Connections (LABSI-22)

data (LABSI-22)

processes (LABSI-22)

Hasil\_Percoba1 (LABSI-22 - v1, 11/27/19 8:45 AM)

Hasil\_Percoba2 (LABSI-22 - v1, 11/27/19 9:05 AM)

Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:45 AM)

Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:45 AM)

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca) ImprovedNeuralNet (Neural Net)

Result History PerformanceVector (Performance)

**Neural Net**

```

Cuaca = hujan: -0.056
Berangin = TIDAK: 0.550
Berangin = YA: -0.495
Suhu: -0.290
Kelembapan_Udara: -0.564
Bias: -0.236

Output
=====

Class 'TIDAK' (Sigmoid)
-----
Node 1: -0.780
Node 2: -0.384
Node 3: -0.957
Node 4: -1.363
Node 5: -0.816
Node 6: -0.804
Threshold: 1.505

Class 'YA' (Sigmoid)
-----
Node 1: 0.770
Node 2: 0.326
Node 3: 0.976
Node 4: 1.345
Node 5: 0.856
Node 6: 0.810
Threshold: -1.495

```

**Description**

**Annotations**

9:05 27/11/2019

## TUGAS

Screenshot of RapidMiner Studio Free 9.3.001 showing a process flow and results.

**Process View:**

```

graph LR
    RT[Retrieve Training set] --> N1[Nominal to Numerical]
    N1 --> P[Perceptron]
    P --> AM[Apply Model]
    RS[Retrieve Testing set] --> N2[Nominal to Numerical]
    N2 --> P
    P --> AM
    AM --> RS
  
```

The process involves retrieving training and testing datasets, performing nominal-to-numerical conversion, using a Perceptron model, and applying the model to the testing set. A tooltip for the Perceptron operator indicates: "Jurusan\_SMA = LAIN Integer Missing: 0 Min: 0 Max: 1 Average: 0.400".

**Repository View:**

- Training Resources (connected): Hasil\_Percob1, Hasil\_Percob2, Hasil\_lgs1, Testing\_Cuaca, Testing\_sekolah, Training\_Cuaca.
- Local Repository (LABSI-22): Connections, data (LABSI-22), processes (LABSI-22).

**Operators View:**

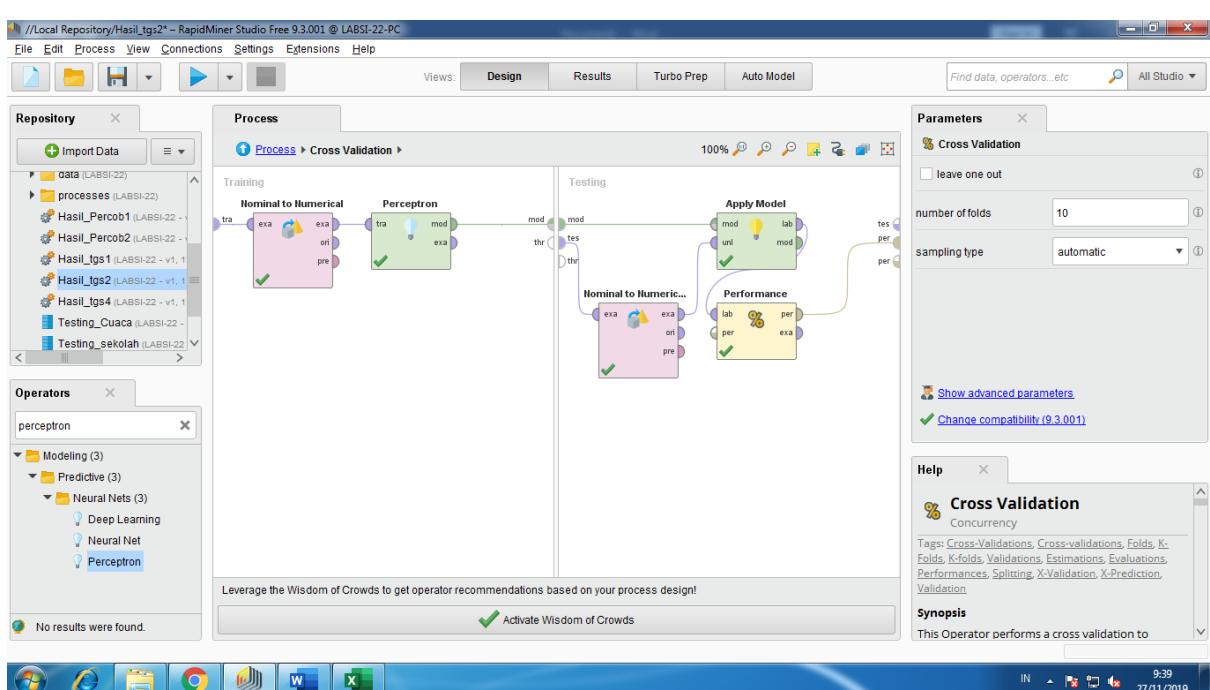
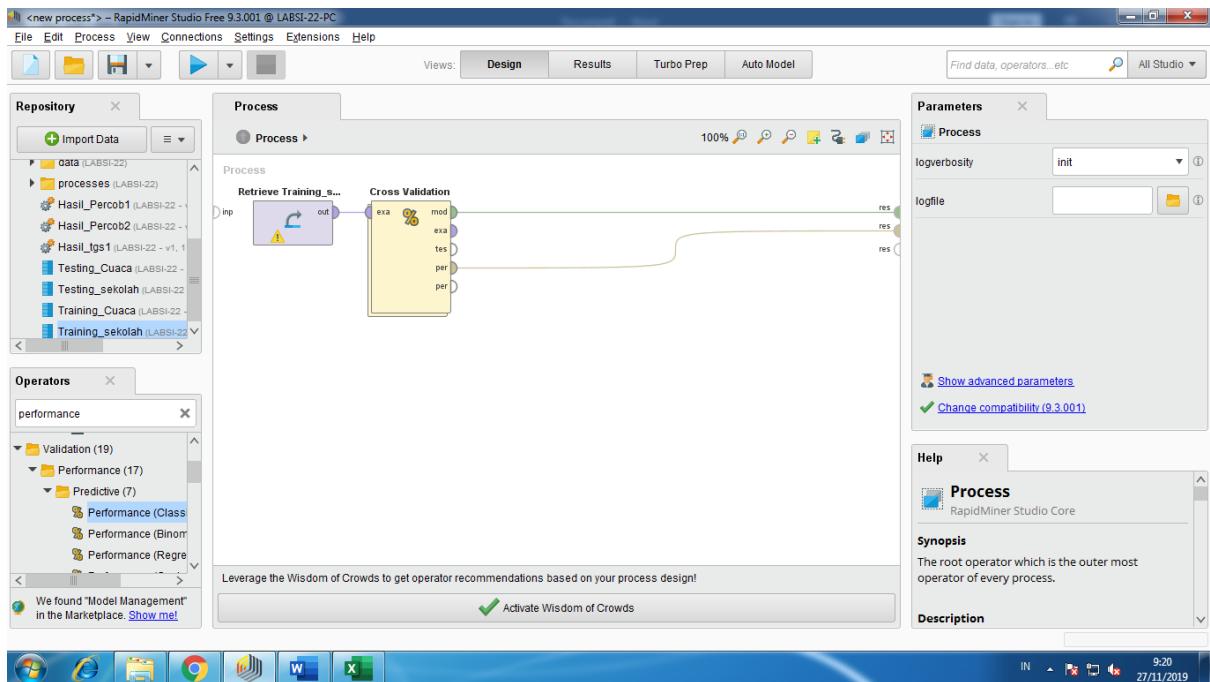
- Modeling (1):
  - Time Series (1):
    - Forecasting (1): Apply Forecast
- Scoring (1): Apply Model

**Results View:**

ExampleSet (//Local Repository/Testing\_Cuaca) and ExampleSet (//Local Repository/Training\_Cuaca) are selected. The Data tab displays the following table:

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

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



File Edit Process View Connections Settings Extensions Help

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

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
 ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) Hyperplane (Perceptron)

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%	

Annotations

Repository

- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
- Local Repository (LABSI-22)
  - Connections (LABSI-22)
  - data (LABSI-22)
  - processes (LABSI-22)
    - Hasil\_Percob1 (LABSI-22 - v1, 11/27/19 8:13 AM)
    - Hasil\_Percob2 (LABSI-22 - v1, 11/27/19 8:13 AM)
    - Hasil\_Igs1 (LABSI-22 - v1, 11/27/19 9:13 AM)
    - Hasil\_Igs2 (LABSI-22 - v1, 11/27/19 9:22 AM)**
    - Hasil\_Igs4 (LABSI-22 - v1, 11/27/19 9:29 AM)
  - Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:08 AM)
  - Testing\_sekolah (LABSI-22 - v1, 11/27/19 8:08 AM)
  - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:08 AM)
  - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:08 AM)

File Edit Process View Connections Settings Extensions Help

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

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
 ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) Hyperplane (Perceptron)

PerformanceVector

PerformanceVector:  
 accuracy: 40.00% +/- 31.62% (micro average: 40.00%)  
 ConfusionMatrix:  
 True: TERLAMBAT TEPAT  
 TERLAMBAT: 4 9  
 TEPAT: 3 4

Annotations

Repository

- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
- Local Repository (LABSI-22)
  - Connections (LABSI-22)
  - data (LABSI-22)
  - processes (LABSI-22)
    - Hasil\_Percob1 (LABSI-22 - v1, 11/27/19 8:13 AM)
    - Hasil\_Percob2 (LABSI-22 - v1, 11/27/19 8:13 AM)
    - Hasil\_Igs1 (LABSI-22 - v1, 11/27/19 9:13 AM)
    - Hasil\_Igs2 (LABSI-22 - v1, 11/27/19 9:22 AM)**
    - Hasil\_Igs4 (LABSI-22 - v1, 11/27/19 9:29 AM)
  - Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:08 AM)
  - Testing\_sekolah (LABSI-22 - v1, 11/27/19 8:08 AM)
  - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:08 AM)
  - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:08 AM)

File Edit Process View Connections Settings Extensions Help

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

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
 ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) Hyperplane (Perceptron)

**Description**

Attribute	Weight
Jurusan...	-0.189
Jurusan...	0.251
Jurusan...	-0.073
Gender ...	0.150
Gender ...	-0.161
Asal_Se...	0.012
Asal_Se...	-0.023
Asisten ...	-0.150
Asisten ...	0.139
Rerata...	0.013

**Data**

**Annotations**

Repository

- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
- Local Repository (LABSI-22)
  - Connections (LABSI-22)
  - data (LABSI-22)
  - processes (LABSI-22)
    - Hasil\_Percob1 (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Hasil\_Percob2 (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Hasil\_Igs1 (LABSI-22 - v1, 11/27/19 9:13 AM)
    - Hasil\_Igs2 (LABSI-22 - v1, 11/27/19 9:22 AM)**
    - Hasil\_Igs4 (LABSI-22 - v1, 11/27/19 9:29 AM)
    - Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Testing\_sekolah (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:45:13 AM)

File Edit Process View Connections Settings Extensions Help

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

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
 ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) Hyperplane (Perceptron)

**Description**

Hyperplane separating TEPAT and TERLAMBAT.

Intercept: -0.011019882381776685

Coefficients:

```

W(Jurusan_SMA = IPS) = -0.189
W(Jurusan_SMA = IPA) = 0.251
W(Jurusan_SMA = LAIN) = -0.073
W(Gender = WANITA) = 0.150
W(Gender = PRIA) = -0.161
W(Asal_Sekolah = SURAKARTA) = 0.012
W(Asal_Sekolah = LUAR) = -0.023
W(Asisten = TIDAK) = -0.150
W(Asisten = YA) = 0.139
W(Rerata_SKS) = 0.013
  
```

**Data**

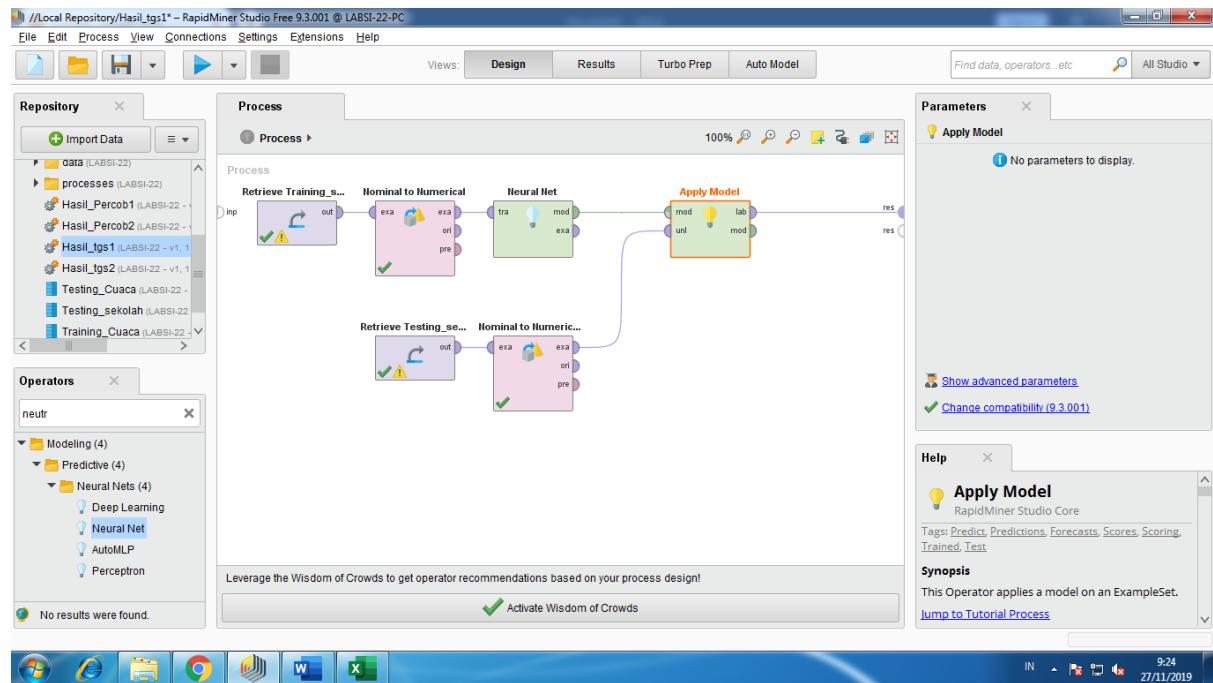
**Annotations**

Repository

- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
- Local Repository (LABSI-22)
  - Connections (LABSI-22)
  - data (LABSI-22)
  - processes (LABSI-22)
    - Hasil\_Percob1 (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Hasil\_Percob2 (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Hasil\_Igs1 (LABSI-22 - v1, 11/27/19 9:13 AM)
    - Hasil\_Igs2 (LABSI-22 - v1, 11/27/19 9:22 AM)**
    - Hasil\_Igs4 (LABSI-22 - v1, 11/27/19 9:29 AM)
    - Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Testing\_sekolah (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:45:13 AM)
    - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:45:13 AM)



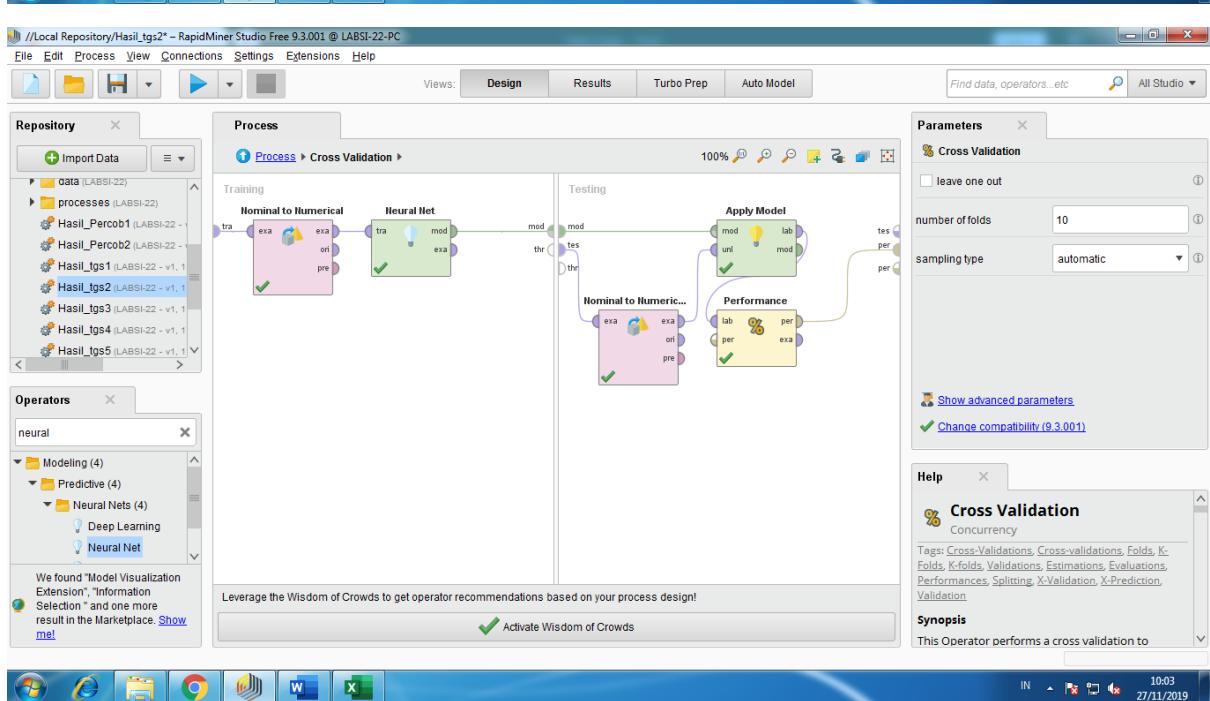
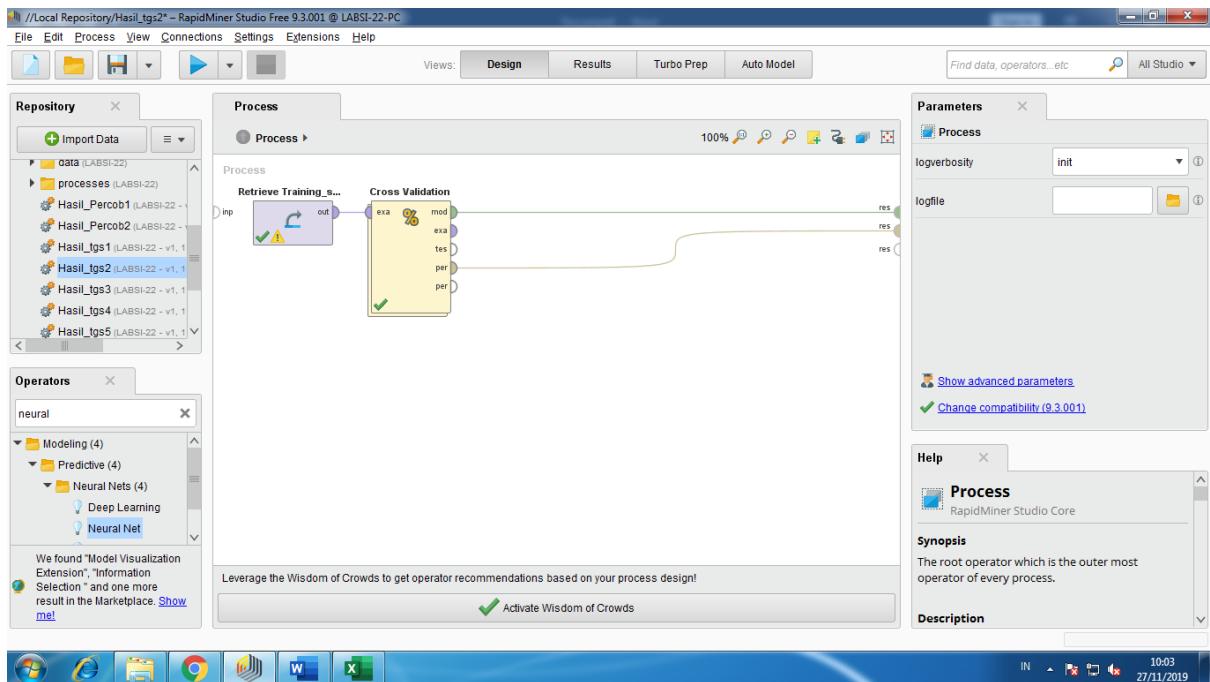
## Nomor 4

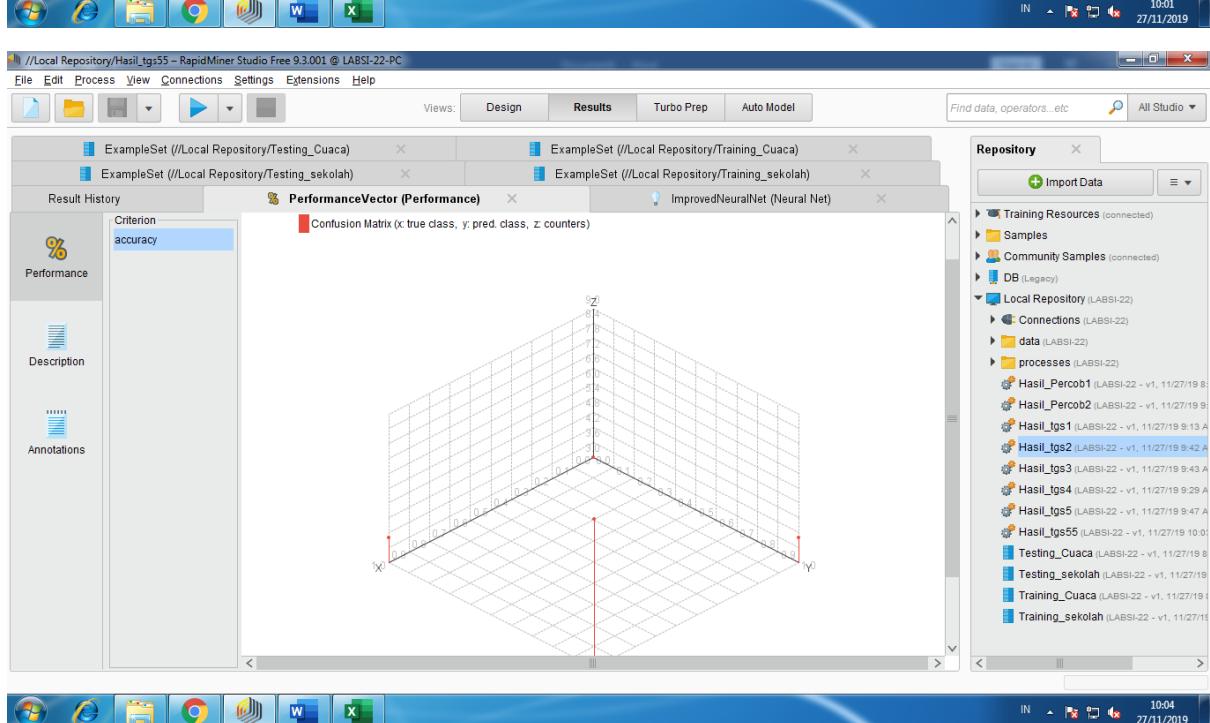
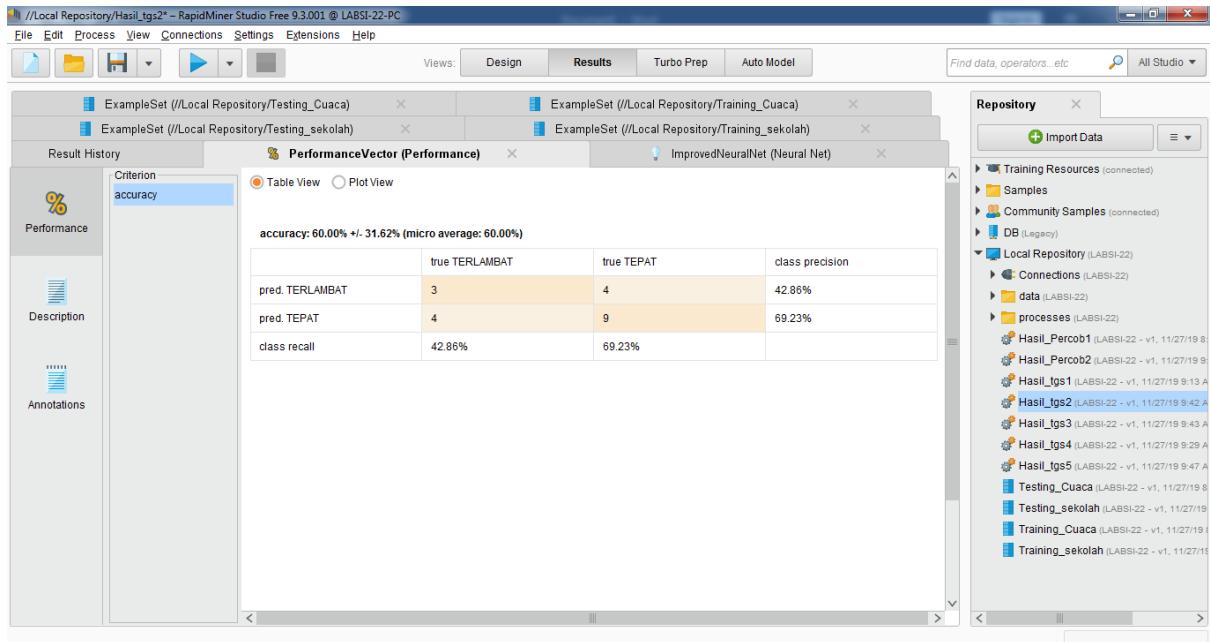


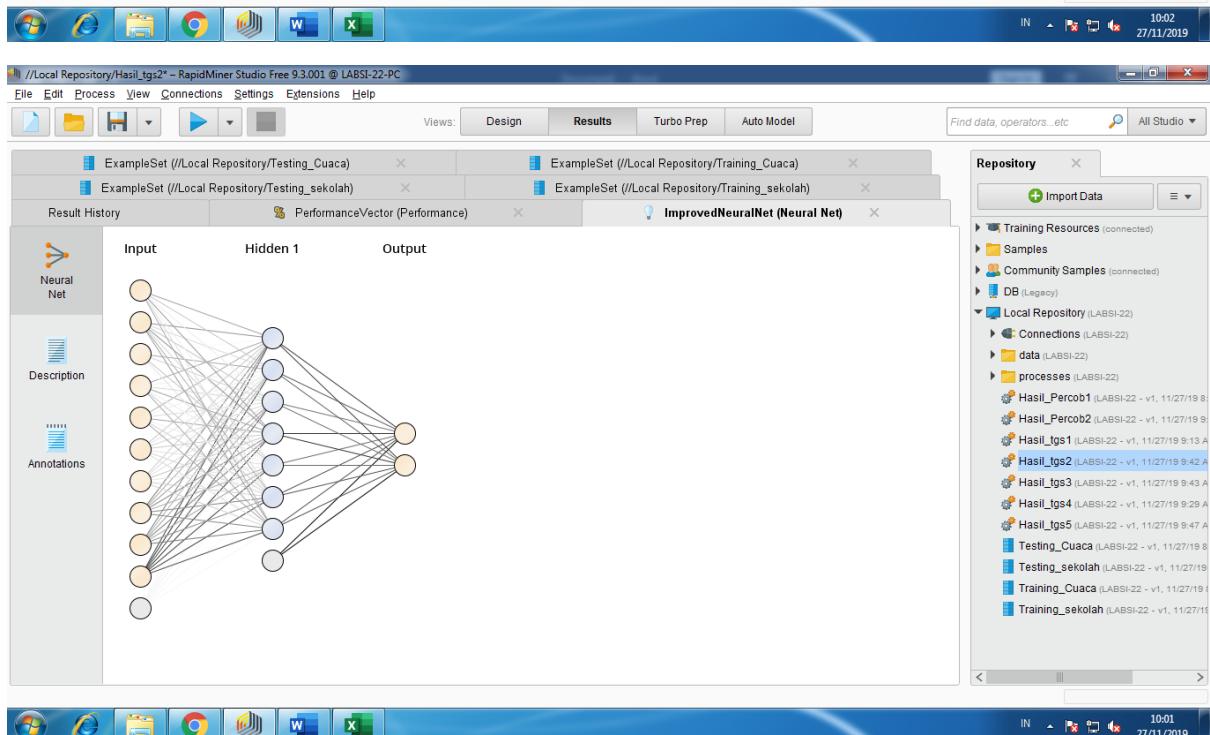
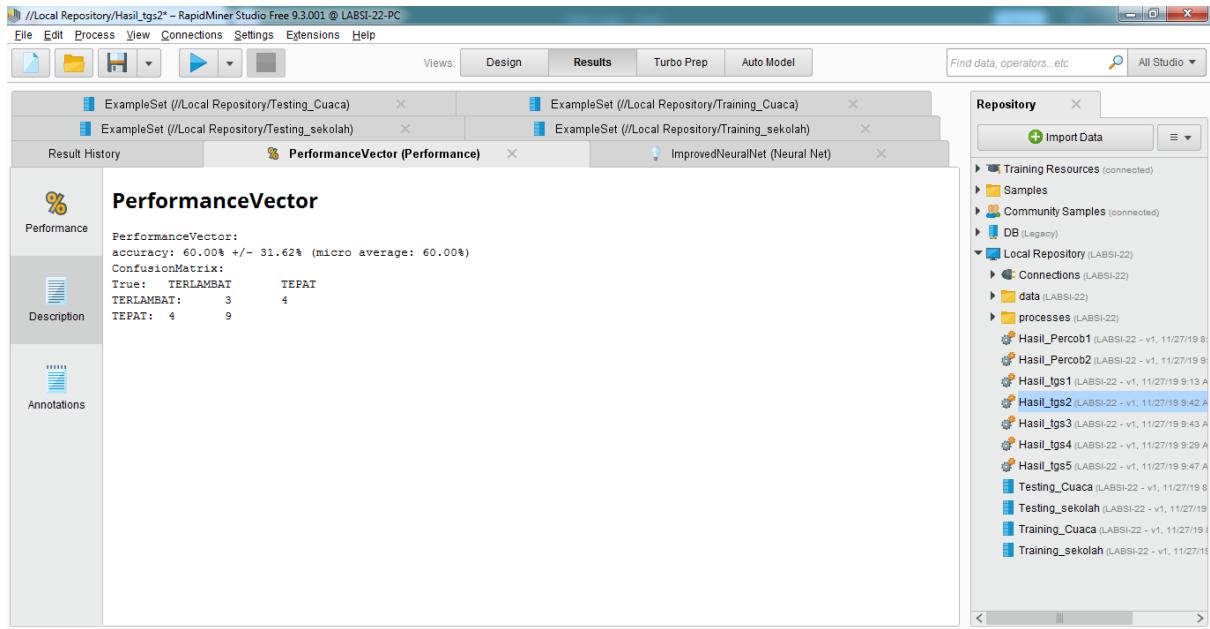
The screenshot shows the RapidMiner Studio interface with the Results tab active. The Data pane displays a table titled 'ExampleSet (Apply Model)' containing 10 examples. The columns include 'Row No.', 'prediction(L...', 'confidence(...', 'confidence(...', 'Jurusan\_S...', 'Jurusan\_S...', 'Jurusan\_S...', 'Gender = PR...', 'Gender = PR...', and 'Asal\_S...'. The table shows predictions like 'TEPAT' with confidence values ranging from 0.027 to 0.679. The Statistics pane shows various metrics for the model. The Annotations pane is visible on the far left. The Repository pane on the right lists training resources and datasets. The status bar at the bottom right shows '9:24 27/11/2019'.

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

## Nomor 5







File Edit Process View Connections Settings Extensions Help

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

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net)

**ImprovedNeuralNet**

**Hidden 1**

Node 1 (Sigmoid)

```
Jurusan_SMA = IPS: -0.448  
Jurusan_SMA = IPA: 0.515  
Jurusan_SMA = LAIN: -0.026  
Gender = WANITA: 0.439  
Gender = PRIA: -0.399  
Asal_Sekolah = SURAKARTA: 0.268  
Asal_Sekolah = LUAR: -0.241  
Asisten = TIDAK: -0.661  
Asisten = YA: 0.639  
Rerata_SKS: 0.940  
Bias: -0.033
```

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
```

**Annotations**

**Repository**

- Training Resources (connected)
- Samples
- Community Samples (connected)
- DB (Legacy)
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  - Connections (LABSI-22)
  - data (LABSI-22)
  - processes (LABSI-22)
    - Hasil\_Percoba1 (LABSI-22 - v1, 11/27/19 8:42 AM)
    - Hasil\_Percoba2 (LABSI-22 - v1, 11/27/19 8:42 AM)
    - Hasil\_Igs1 (LABSI-22 - v1, 11/27/19 9:13 AM)
    - Hasil\_Igs2 (LABSI-22 - v1, 11/27/19 9:42 AM)**
    - Hasil\_Igs3 (LABSI-22 - v1, 11/27/19 9:43 AM)
    - Hasil\_Igs4 (LABSI-22 - v1, 11/27/19 9:29 AM)
    - Hasil\_Igs5 (LABSI-22 - v1, 11/27/19 9:47 AM)
  - Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:42 AM)
  - Testing\_sekolah (LABSI-22 - v1, 11/27/19 8:42 AM)
  - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:42 AM)
  - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:42 AM)

File Edit Process View Connections Settings Extensions Help

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

ExampleSet (/Local Repository/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net)

**ImprovedNeuralNet**

**Hidden 2**

Node 1 (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_SKS: 1.007  
Bias: 0.025
```

Node 2 (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_SKS: 0.863  
Bias: -0.060
```

**Annotations**

**Repository**

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  - Testing\_sekolah (LABSI-22 - v1, 11/27/19 8:42 AM)
  - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:42 AM)
  - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:42 AM)

/Local Repository/Hasil\_Igs2\* - RapidMiner Studio Free 9.3.001 @ LABSI-22-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/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net)

**Neural Net**

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\_SKS: 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\_SKS: 0.951  
Bias: 0.041

**Description**

**Annotations**

**Repository**

+ Import Data

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    - Testing\_Cuaca (LABSI-22 - v1, 11/27/19 8:45 AM)
    - Testing\_sekolah (LABSI-22 - v1, 11/27/19 8:45 AM)
    - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:45 AM)
    - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:45 AM)

/Local Repository/Hasil\_Igs2\* - RapidMiner Studio Free 9.3.001 @ LABSI-22-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/Testing\_Cuaca) ExampleSet (/Local Repository/Training\_Cuaca)  
ExampleSet (/Local Repository/Testing\_sekolah) ExampleSet (/Local Repository/Training\_sekolah)

Result History PerformanceVector (Performance) ImprovedNeuralNet (Neural Net)

**Neural Net**

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\_SKS: 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\_SKS: 0.878  
Bias: -0.036

**Description**

**Annotations**

**Repository**

+ Import Data

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    - Training\_Cuaca (LABSI-22 - v1, 11/27/19 8:45 AM)
    - Training\_sekolah (LABSI-22 - v1, 11/27/19 8:45 AM)

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