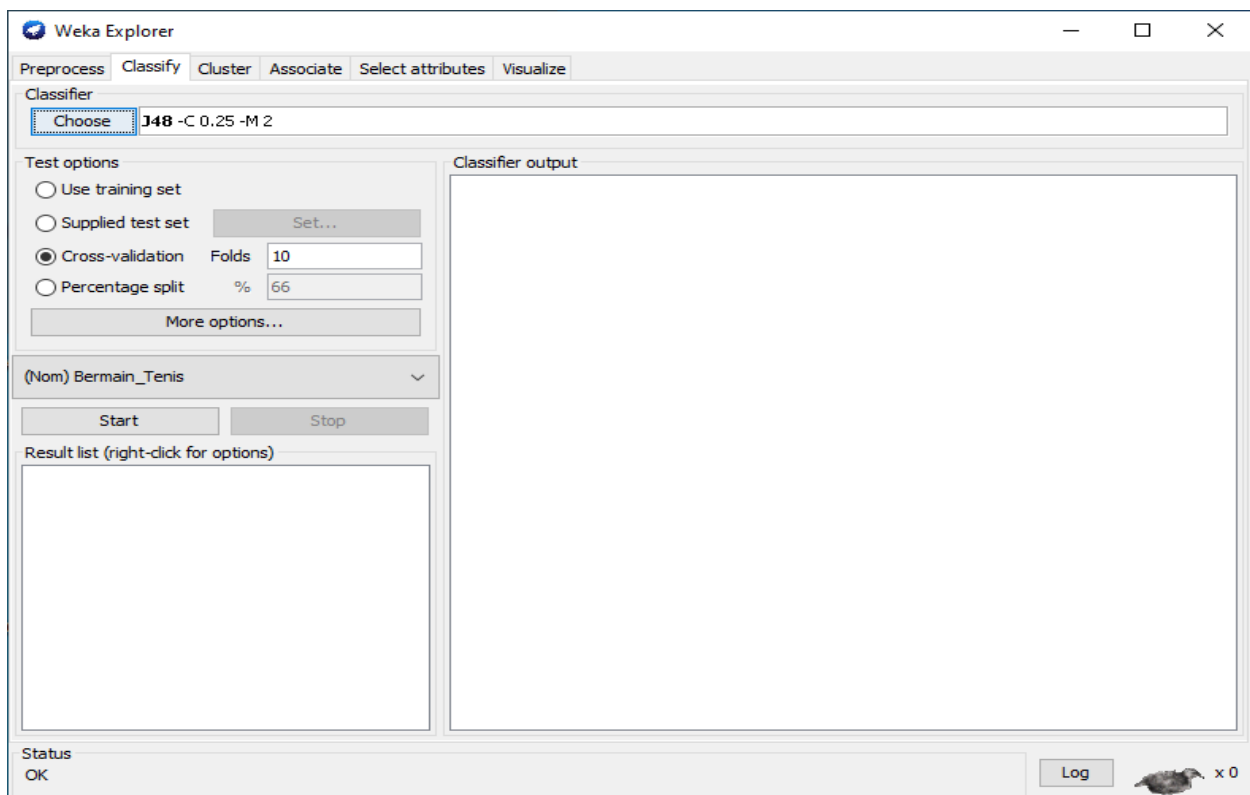
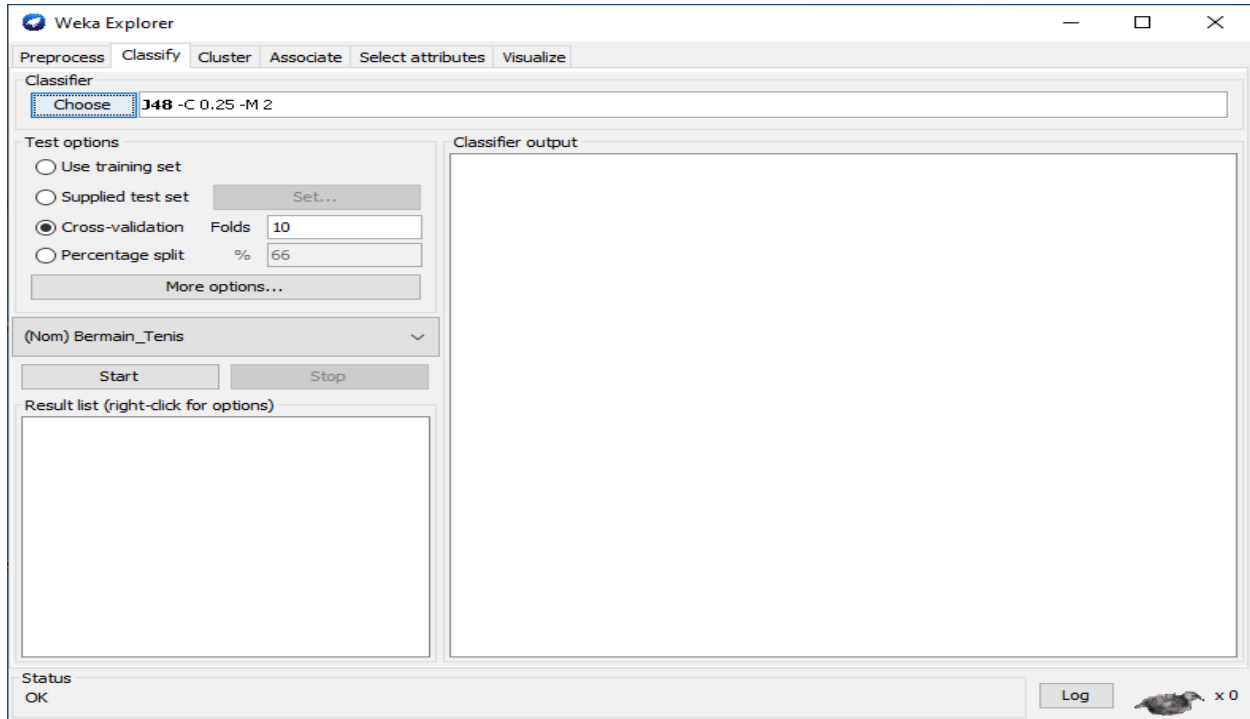
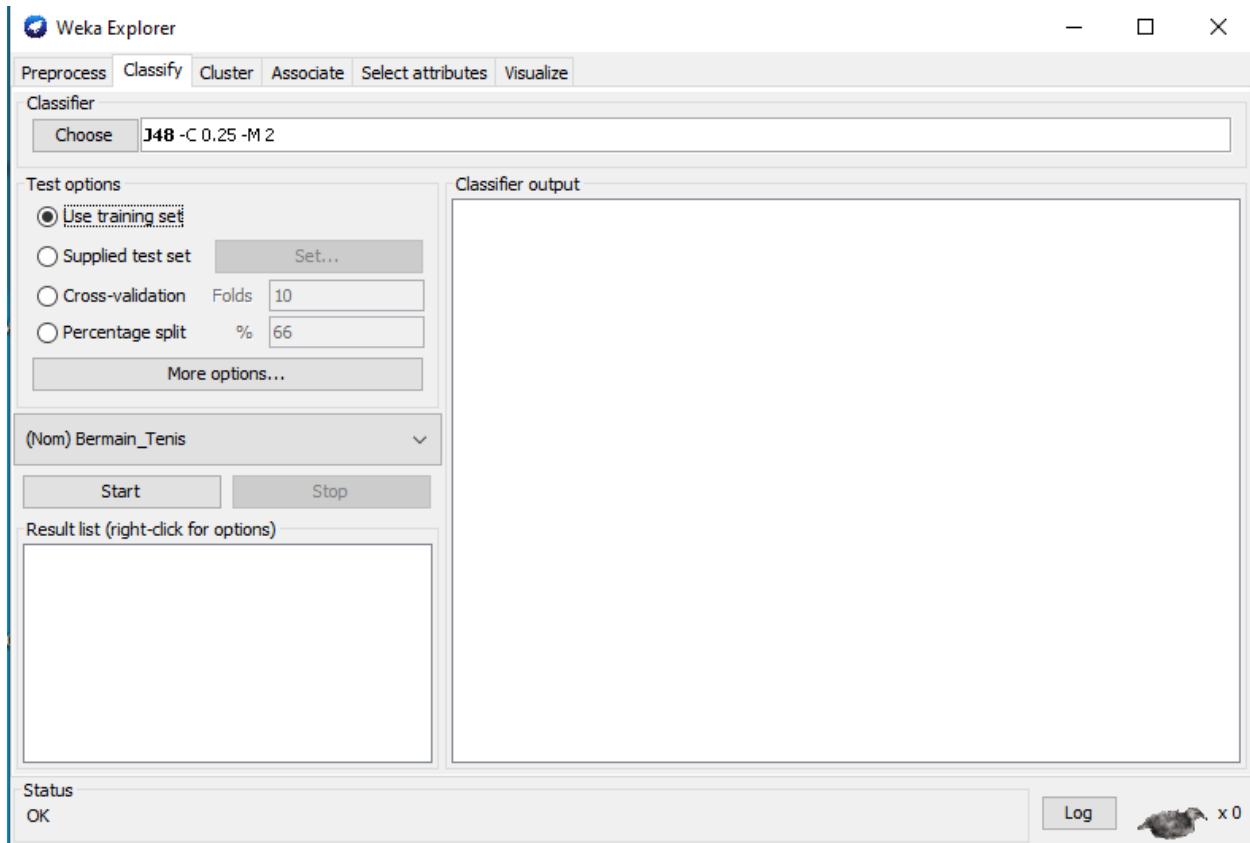


NAMA : DITA DENITA P

NIM : L200170139

MODUL : 9





```

Classifier output
-----
Cuaca = Cerah
| Kelembaban_Udara <= 75: YA (2.0)
| Kelembaban_Udara > 75: TIDAK (3.0)
Cuaca = Mendung: YA (4.0)
Cuaca = Hujan
| Berangin = YA: TIDAK (2.0)
| Berangin = TIDAK: YA (3.0)

Number of Leaves :    5
Size of the tree :    8

Time taken to build model: 0.08 seconds

=== Evaluation on training set ===

Time taken to test model on training data: 0.02 seconds

=== Summary ===

Correctly Classified Instances      14           100   %
Incorrectly Classified Instances     0            0   %
Kappa statistic                     1
Mean absolute error                  0
Root mean squared error              0
Relative absolute error              0   %
Root relative squared error          0   %
Coverage of cases (0.95 level)      100   %
Mean rel. region size (0.95 level)  50   %
Total Number of Instances           14

```

Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

Classifier: Choose **148 -C 0.25 -M 2**

Test options

- ☒ Use training set
- ☐ Supplied test set
- ☐ Cross-validation Folds
- ☐ Percentage split %
-

(Non) Bermain_Tenis

Result list (right-click for options)

14:25:44 - trees.J48

Classifier output

Time taken to build model: 0.05 seconds

=== Evaluation on training set ===

Time taken to test model on training data: 0.02 seconds

=== Summary ===

Correctly Classified Instances	14	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0		
Root mean squared error	0		
Relative absolute error	0	%	
Root relative squared error	0	%	
Coverage of cases (0.95 level)	100	%	
Mean rel. region size (0.95 level)	50	%	
Total Number of Instances	14		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	FRC Area	Class
1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	YA
1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	TIDAK
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	


=== Confusion Matrix ===

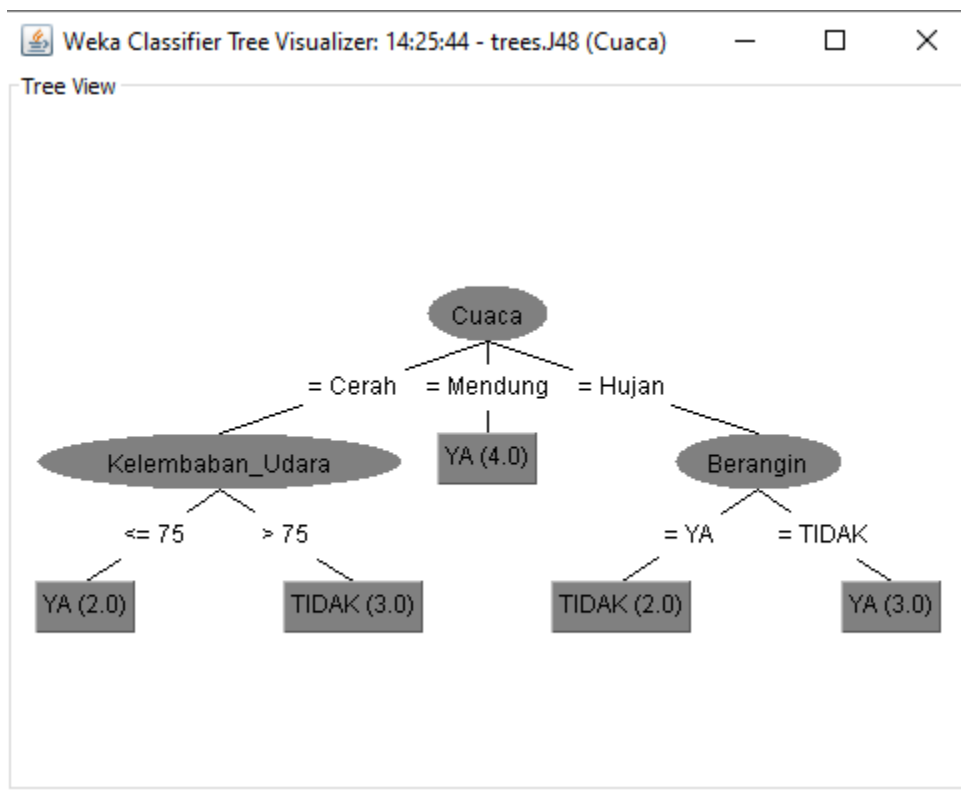
a b <-- classified as

9 0 | a = YA

0 5 | b = TIDAK

Status OK

 x 0



<new process> - RapidMiner Studio Free 9.3.001 @ DESKTOP-7UM84PR

File Edit Process View Connections Settings Extensions Help

Views: Design Results Turbo Prep Auto Model

Find data, operators, etc. All Studio

Repository

- Import Data
- Cuaca (Person - v1, 11/7/2017)
- CuacaTesting (Person - v1, 11/7/2017)
- data1 (Person - v1, 10/16/2017)
- Data_NilaiUjian (Person - v1, 10/16/2017)
- DataCuaca_Testing (Person - v1, 10/16/2017)
- DataCuaca_Training (Person - v1, 10/16/2017)
- dataTesting1.arff (Person - v1, 10/16/2017)
- dataTesting2222.arff (Person - v1, 10/16/2017)

Operators

Search for Operators

- Validation (29)
 - Performance (20)
 - Visual (4)
 - Cross Validation
 - Split Validation
 - Bootstrapping Validation
 - Winner Split Validation

[Get more operators from the Marketplace](#)

Process

Process

100%

Process

Retrieve DataCuaca_... Cross Validation

Process

Parameters

Process

- logverbosity: init
- logfile:
- resultfile:
- random seed: 2001
- send mail: never
- encoding: SYSTEM

[Hide advanced parameters](#)

[Change compatibility \(9.3.001\)](#)

Help

Process

RapidMiner Studio Core

Synopsis

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

Description

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File Edit Process View Connections Settings Extensions Help

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- DataCuaca_Testing (Person - v1, 10/16/2017)
- DataCuaca_Training (Person - v1, 10/16/2017)
- dataTesting1.arff (Person - v1, 10/16/2017)
- dataTesting2222.arff (Person - v1, 10/16/2017)

Operators

performance

- Predictive (7)
 - Performance (Classification) (4)
 - Performance (Binary) (1)
 - Performance (Regression) (1)
 - Performance (Classification) (1)
 - Performance (Regression) (1)

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

Process

Process > Cross Validation

100%

Training Testing

Decision Tree Apply Model Performance

Process

Parameters

Decision Tree

- criterion: information_gain
- maximal depth: 10
- apply pruning: ☒
- confidence: 0.1
- apply prepruning: ☒
- minimal gain: 0.01
- minimal leaf size: 2
- minimal size for split: 4
- number of prepruning alternat...: 3

[Hide advanced parameters](#)

Help

Decision Tree

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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)

Result History

Performance

Criterion
accuracy

Description

Annotations

PerformanceVector (Performance)

Table View Plot View

accuracy: 60.00% +/- 45.95% (micro average: 64.29%)

	true TIDAK	true YA	class precision
pred. TIDAK	2	2	50.00%
pred. YA	3	7	70.00%
class recall	40.00%	77.78%	

Repository

Import Data

Training Resources (connected)

Samples

Community Samples (connected)

DB (Legacy)

Local Repository (Person)

Connections (Person)

data (Person)

processes (Person)

Cuaca (Person - v1, 11/7/19 10:58 AM -

CuacaTesting (Person - v1, 11/7/19 11:10/10/19 11:50 AM -

data1 (Person - v1, 10/10/19 11:50 AM -

Data_NilaiUjian (Person - v1, 11/6/19 11:50 AM -

DataCuaca_Testing (Person - v1, 11/7/19 11:50 AM -

DataCuaca_Training (Person - v1, 11/7/19 11:50 AM -

dataTesting1.arff (Person - v1, 10/17/19 11:50 AM -

dataTesting2222.arff (Person - v1, 10/17/19 11:50 AM -

dataTraining1.arff (Person - v1, 10/17/19 11:50 AM -

dataTraining2222.arff (Person - v1, 10/17/19 11:50 AM -

Lokasi_Testing (Person - v1, 10/16/19 11:50 AM -

Lokasi_Training (Person - v1, 10/16/19 11:50 AM -

MODUL10 (Person - v1, 11/6/19 1:33 PM -

<new process*> - RapidMiner Studio Free 9.3.001 @ DESKTOP-7UM84PR

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)

Result History

PerformanceVector (Performance)

Tree (Decision Tree)

Zoom

Tree

Node Labels

Edge Labels

Graph

Description

Annotations

Decision Tree:

```
graph TD
    Cuaca -- Cerah --> Kelembaban_udara
    Cuaca -- Hujan --> Berangin
    Cuaca -- Mendung --> YA
    Kelembaban_udara -- "> 77.500 & 77.500" --> TIDAK
    Kelembaban_udara -- "> 77.500 & 77.500" --> YA
    Berangin -- TIDAK --> YA
    Berangin -- YA --> TIDAK
```

Repository

Import Data

Training Resources (connected)

Samples

Community Samples (connected)

DB (Legacy)

Local Repository (Person)

Connections (Person)

data (Person)

processes (Person)

Cuaca (Person - v1, 11/7/19 10:58 AM -

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dataTraining1.arff (Person - v1, 10/17/19 11:50 AM -

dataTraining2222.arff (Person - v1, 10/17/19 11:50 AM -

Lokasi_Testing (Person - v1, 10/16/19 11:50 AM -

Lokasi_Training (Person - v1, 10/16/19 11:50 AM -

MODUL10 (Person - v1, 11/6/19 1:33 PM -