

NAMA : NOVI TRISTANTI

NIM : L200170167

KELAS : F

## LAPORAN PRAKTIKUM

Nama tabel : Cuaca



cuaca - Notepad

File Edit Format View Help

```
@relation Cuaca
@attribute Cuaca {Cerah, Mendung, Hujan}
@attribute Suhu real
@attribute Kelembapan_Udara real
@attribute Berangin {YA, TIDAK}
@attribute Bermain_Tenis {YA, TIDAK}
```

```
@data
Cerah, 85, 85, TIDAK, TIDAK
Cerah, 80, 90, YA, TIDAK
Mendung, 83, 86, TIDAK, YA
Hujan, 70, 96, TIDAK, YA
Hujan, 68, 80, TIDAK, YA
Hujan 65, 70, YA, TIDAK
Mendung, 64, 65, YA, YA
Cerah, 72, 95, TIDAK, TIDAK
Cerah, 69, 70, TIDAK, YA
Hujan, 75, 80, TIDAK, YA
Cerah, 75, 70, YA, YA
Mendung 72, 90, YA, YA
Mendung, 81, 75, TIDAK, YA
Hujan, 71, 91, YA, TIDAK
```

## Attribute Cuaca

**Weka Explorer**

Preprocess | **Classify** | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter: Choose **None** Apply

Current relation  
Relation: Cuaca  
Instances: 14  
Attributes: 5  
Sum of weights: 14

Attributes  
All None Invert Pattern

No.	Name
1	<input checked="" type="checkbox"/> Cuaca
2	<input type="checkbox"/> Suhu
3	<input type="checkbox"/> Kelembapan_Udara
4	<input type="checkbox"/> Berangin
5	<input type="checkbox"/> Bermain_Tenis

Remove

Selected attribute  
Name: Cuaca  
Missing: 0 (0%)  
Distinct: 3  
Type: Nominal  
Unique: 0 (0%)

No.	Label	Count	Weight
1	Cerah	5	5.0
2	Mendung	4	4.0
3	Hujan	5	5.0

Class: Bermain\_Tenis (Nom) Visualize All

Status: OK Log x 0

## Attribute Suhu

**Weka Explorer**

Preprocess | **Classify** | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter: Choose **None** Apply

Current relation  
Relation: Cuaca  
Instances: 14  
Attributes: 5  
Sum of weights: 14

Selected attribute  
Name: Suhu  
Missing: 0 (0%)  
Distinct: 12  
Type: Numeric  
Unique: 10 (71%)

Attributes  
All None Invert Pattern

No.	Name
1	<input type="checkbox"/> Cuaca
2	<input checked="" type="checkbox"/> Suhu
3	<input type="checkbox"/> Kelembapan_Udara
4	<input type="checkbox"/> Berangin
5	<input type="checkbox"/> Bermain_Tenis

Remove

Statistic	Value
Minimum	64
Maximum	85
Mean	73.571
StdDev	6.572

Class: Bermain\_Tenis (Nom) Visualize All

Status: OK Log x 0

## Attribute kelembapan\_Udara

**Weka Explorer**

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... | Open URL... | Open DB... | Generate... | Undo | Edit... | Save...

Filter: Choose **None** [Apply]

Current relation  
Relation: Cuaca  
Instances: 14  
Attributes: 5  
Sum of weights: 14

Attributes: All | None | Invert | Pattern

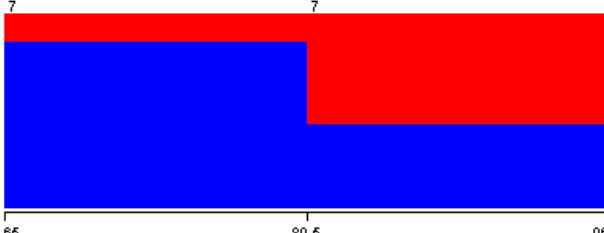
No.	Name
1	<input type="checkbox"/> Cuaca
2	<input type="checkbox"/> Suhu
3	<input checked="" type="checkbox"/> Kelembapan_Udara
4	<input type="checkbox"/> Berangin
5	<input type="checkbox"/> Bermain_Tenis

[Remove]

Selected attribute  
Name: Kelembapan\_Udara  
Missing: 0 (0%)  
Distinct: 10  
Type: Numeric  
Unique: 7 (50%)

Statistic	Value
Minimum	65
Maximum	96
Mean	81.643
StdDev	10.285

Class: Bermain\_Tenis (Nom) [Visualize All]



7 7

65 80.5 96

Status: OK [Log] x 0

## Attribute Berangin

Weka Explorer

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter: Choose **None** Apply

Current relation  
Relation: Cuaca  
Instances: 14  
Attributes: 5  
Sum of weights: 14

Attributes  
All None Invert Pattern

No.	Name
1	<input type="checkbox"/> Cuaca
2	<input type="checkbox"/> Suhu
3	<input type="checkbox"/> Kelembapan_Udara
4	<input checked="" type="checkbox"/> Berangin
5	<input type="checkbox"/> Bermain_Tenis

Remove

Selected attribute  
Name: Berangin  
Missing: 0 (0%)  
Distinct: 2  
Type: Nominal  
Unique: 0 (0%)

No.	Label	Count	Weight
1	YA	6	6.0
2	TIDAK	8	8.0

Class: Bermain\_Tenis (Nom) Visualize All

Status: OK Log x 0

## Attribute Bermain\_Tenis

Weka Explorer

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter  
Choose **None** Apply

Current relation  
Relation: Cuaca  
Instances: 14  
Attributes: 5  
Sum of weights: 14

Attributes  
All None Invert Pattern

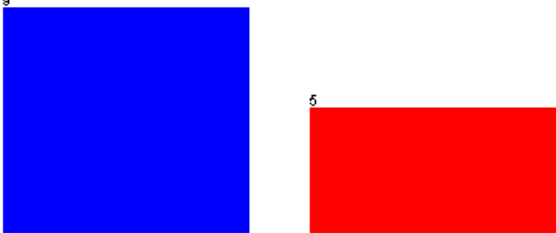
No.	Name
1	<input type="checkbox"/> Cuaca
2	<input type="checkbox"/> Suhu
3	<input type="checkbox"/> Kelembapan_Udara
4	<input type="checkbox"/> Berangin
5	<input checked="" type="checkbox"/> Bermain_Tenis

Remove

Selected attribute  
Name: Bermain\_Tenis  
Missing: 0 (0%)  
Distinct: 2  
Type: Nominal  
Unique: 0 (0%)

No.	Label	Count	Weight
1	YA	9	9.0
2	TIDAK	5	5.0


Class: Bermain\_Tenis (Nom) Visualize All



Status  
OK Log x 0

## LAPORAN TUGAS

Nama Tabel : Sekolah

 sekolah - Notepad

File Edit Format View Help

@relation Sekolah

```
@attribute Jurusan_SMA {IPA, IPS, LAIN}  
@attribute Gender {wanita, pria}  
@attribute Asal_Sekolah {Surakarta, Luar}  
@attribute Rerata_sks real  
@attribute Asisten {Ya, Tidak}  
@attribute Lama_studi {Terlambat, Tepat}
```

@data

```
IPS, wanita, Surakarta, 18, Tidak, Terlambat  
IPA, pria, Surakarta, 19, Ya, Tepat  
LAIN, pria, Surakarta, 19, Tidak, Terlambat  
IPA, pria, Luar, 17, Tidak, Terlambat  
IPA, wanita, Surakarta, 17, Tidak, Tepat  
IPA, wanita, Luar, 18, Ya, Tepat  
IPA, pria, Surakarta, 18, Tidak, Terlambat  
IPA, pria, Surakarta, 19, Tidak, Tepat  
IPS, pria, Luar, 18, Tidak, Terlambat  
LAIN, wanita, Surakarta, 18, Tidak, Tepat  
IPA, wanita, Surakarta, 19, Tidak, Tepat  
IPS, pria, Surakarta, 20, Tidak, Tepat  
IPS, pria, Surakarta, 19, Tidak, Tepat  
IPA, pria, Surakarta, 19, Tidak, Tepat
```

## Attribute Jurusan\_SMA

Weka Explorer

Preprocess | **Classify** | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter  
Choose **None** Apply

Current relation  
Relation: Sekolah  
Instances: 20  
Attributes: 6  
Sum of weights: 20

Attributes  
All None Invert Pattern

No.	Name
1	<input checked="" type="checkbox"/> Jurusan_SMA
2	<input type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_sks
5	<input type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_studi

Remove

Selected attribute  
Name: Jurusan\_SMA  
Missing: 0 (0%)  
Distinct: 3  
Type: Nominal  
Unique: 0 (0%)

No.	Label	Count	Weight
1	IPA	10	10.0
2	IPS	6	6.0
3	LAIN	4	4.0

Class: Lama\_studi (Nom) Visualize All

Label	Count
IPA	10
IPS	6
LAIN	4

Status  
OK Log x 0



## Attribute Gender

Weka Explorer

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter  
Choose **None** Apply

Current relation  
Relation: Sekolah  
Instances: 20  
Attributes: 6  
Sum of weights: 20

Attributes  
All None Invert Pattern

No.	Name
1	<input type="checkbox"/> Jurusan_SMA
2	<input checked="" type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_sks
5	<input type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_studi

Remove

Selected attribute  
Name: Gender  
Missing: 0 (0%)  
Distinct: 2  
Type: Nominal  
Unique: 0 (0%)

No.	Label	Count	Weight
1	wanita	5	5.0
2	pria	15	15.0

Class: Lama\_studi (Nom) Visualize All

Status  
OK Log x 0

## Attribute Asal\_Sekolah

Weka Explorer

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter: Choose **None** Apply

Current relation  
Relation: Sekolah  
Instances: 20  
Attributes: 6  
Sum of weights: 20

Selected attribute  
Name: Asal\_Sekolah  
Missing: 0 (0%)  
Distinct: 2  
Type: Nominal  
Unique: 0 (0%)

Attributes  
All None Invert Pattern

No.	Name
1	<input type="checkbox"/> Jurusan_SMA
2	<input type="checkbox"/> Gender
3	<input checked="" type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_sks
5	<input type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_studi

Remove

No.	Label	Count	Weight
1	Surakarta	14	14.0
2	Luar	6	6.0

Class: Lama\_studi (Nom) Visualize All

Status OK Log x 0

## Attribute Rerata\_sks

Weka Explorer

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter  
Choose: **None** Apply

Current relation  
Relation: Sekolah  
Instances: 20  
Attributes: 6  
Sum of weights: 20

Attributes  
All None Invert Pattern

No.	Name
1	<input type="checkbox"/> Jurusan_SMA
2	<input type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input checked="" type="checkbox"/> Rerata_sks
5	<input type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_studi

Remove

Selected attribute  
Name: Rerata\_sks  
Missing: 0 (0%)  
Distinct: 8  
Type: Numeric  
Unique: 4 (20%)

Statistic	Value
Minimum	16
Maximum	23
Mean	18.95
StdDev	1.669

Class: Lama\_studi (Nom) Visualize All

8 9 3 16 19.5 23

Status  
OK Log x 0

## Attribute Asisten

Weka Explorer

Preprocess | Classify | Cluster | Associate | Select attributes | Visualize

Open file... Open URL... Open DB... Generate... Undo Edit... Save...

Filter  
Choose **None** Apply

Current relation  
Relation: Sekolah  
Instances: 20  
Attributes: 6  
Sum of weights: 20

Attributes  
All None Invert Pattern

No.	Name
1	<input type="checkbox"/> Jurusan_SMA
2	<input type="checkbox"/> Gender
3	<input type="checkbox"/> Asal_Sekolah
4	<input type="checkbox"/> Rerata_sks
5	<input checked="" type="checkbox"/> Asisten
6	<input type="checkbox"/> Lama_studi

Remove

Selected attribute  
Name: Asisten  
Missing: 0 (0%)  
Distinct: 2  
Type: Nominal  
Unique: 0 (0%)

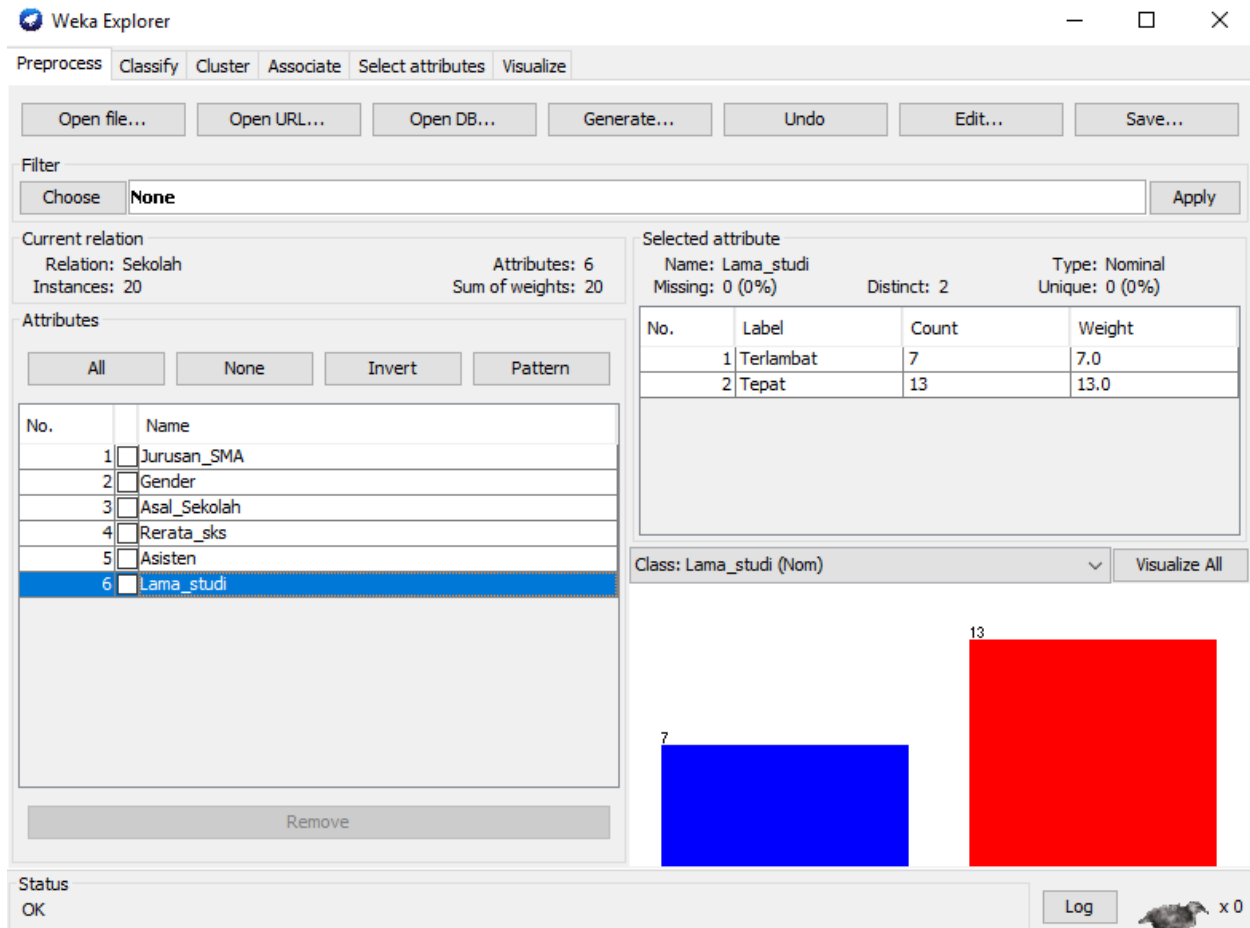
No.	Label	Count	Weight
1	Ya	5	5.0
2	Tidak	15	15.0

Class: Lama\_studi (Nom) Visualize All

5 15

Status  
OK Log x 0

## Attribute Lama\_studi



Binomial : 4

Polynomial : 1

Real : 1

Max : 23

Min : 16

Mean : 18.95

StdDev : 1.669