

Nama : Cinde Prawito P

Nim : L200170120

Kelas :B

## KEGIATAN MODUL 7 DATA PREPROCESSING

Data Tabel Cuaca

```
Welcome | Release Notes: 1.38.1 | Cuaca.arff x
C: > Users > LABSI-24 > Pictures > Cuaca.arff
1  @relation Cuaca
2
3  @Attribute Cuaca {Cerah, Mendung, Hujan}
4  @Attribute Suhu real
5  @Attribute Kelmbaban_Udara real
6  @Attribute Berangin {YA, TIDAK}
7  @Attribute Bermain_Tenis {YA, TIDAK}
8
9  @data
10 Cerah,85,85,TIDAK,TIDAK
11 Cerah,80,90,YA,TIDAK
12 Mendung,83,86,TIDAK,YA
13 Hujan,70,96,TIDAK,YA
14 Hujan,68,80,TIDAK,YA
15 Hujan,65,70,YA,TIDAK
16 Mendung,64,65,YA,YA
17 Cerah,72,95,TIDAK,TIDAK
18 Cerah,69,70,TIDAK,YA
19 Hujan,75,80,TIDAK,YA
20 Cerah,75,70,YA,YA
21 Mendung,72,90,YA,YA
22 Mendung,81,75,TIDAK,YA
23 Hujan,71,91,YA,TIDAK
24
```

## Data Setelah di buka Melalui Weka

### Data 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"/> Kelmbaban_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

## Data 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

Attributes  
All None Invert Pattern

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

Remove

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

Statistic	Value
Minimum	64
Maximum	85
Mean	73.571
StdDev	6.572

Class: Bermain\_Tenis (Nom) Visualize All

Status  
OK Log x 0

## Data Kelembaban\_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"/> Kelembaban_Udara
4	<input type="checkbox"/> Berangin
5	<input type="checkbox"/> Bermain_Tenis

Remove

Selected attribute  
Name: Kelembaban\_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

Status: OK Log x 0

## Data 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"/> Kelmbaban_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

## Data 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 Attributes: 5  
Instances: 14 Sum of weights: 14

Attributes  
All None Invert Pattern

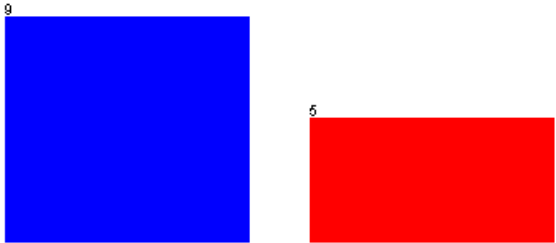
No.	Name
1	<input type="checkbox"/> Cuaca
2	<input type="checkbox"/> Suhu
3	<input type="checkbox"/> Kelmbaban_Udara
4	<input type="checkbox"/> Berangin
5	<input checked="" type="checkbox"/> Bermain_Tenis

Remove

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