

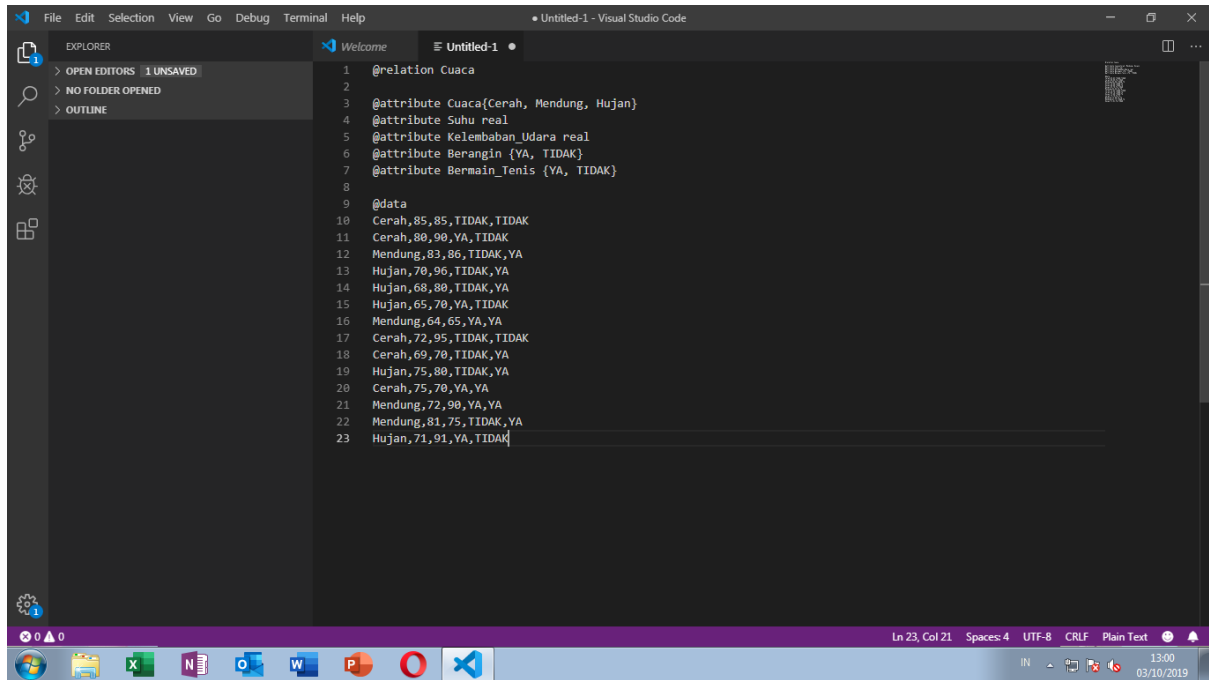
Nama : Anom Wisnu Subroto

NIM : L200170071

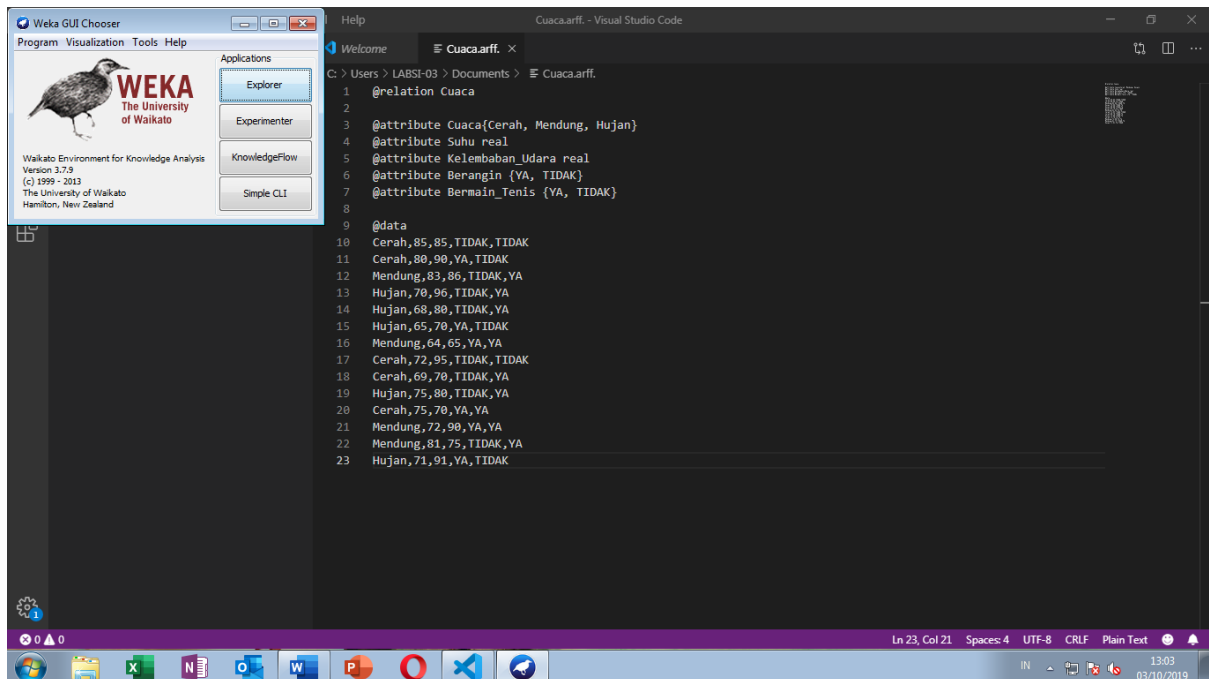
Kelas : C

MODUL 7

Langkah-langkah Praktikum



```
1 @relation Cuaca
2
3 @attribute Cuaca{Cerah, Mendung, Hujan}
4 @attribute Suhu real
5 @attribute Kelembaban_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
```



The screenshot shows the Weka GUI Chooser window in the foreground. It has a title bar 'Weka GUI Chooser' and a menu bar 'Program Visualization Tools Help'. The main area displays the Weka logo and text: 'WEKA The University of Waikato', 'Weka: Environment for Knowledge Analysis', 'Version 3.7.9', '(c) 1999 - 2013', 'The University of Waikato', 'Hamilton, New Zealand'. On the right, under 'Applications', there are four buttons: 'Explorer' (selected), 'Experimenter', 'KnowledgeFlow', and 'Simple CLI'. The background shows the same Visual Studio Code window as the previous screenshot, with the file 'Cuaca.arff' open.

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: 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: Berman_Tenis (Nom) Visualize All

Status OK Log x 0

Ln 17, Col 24 Spaces: 4 UTF-8 CRLF Plain Text 13:11 03/10/2019

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

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

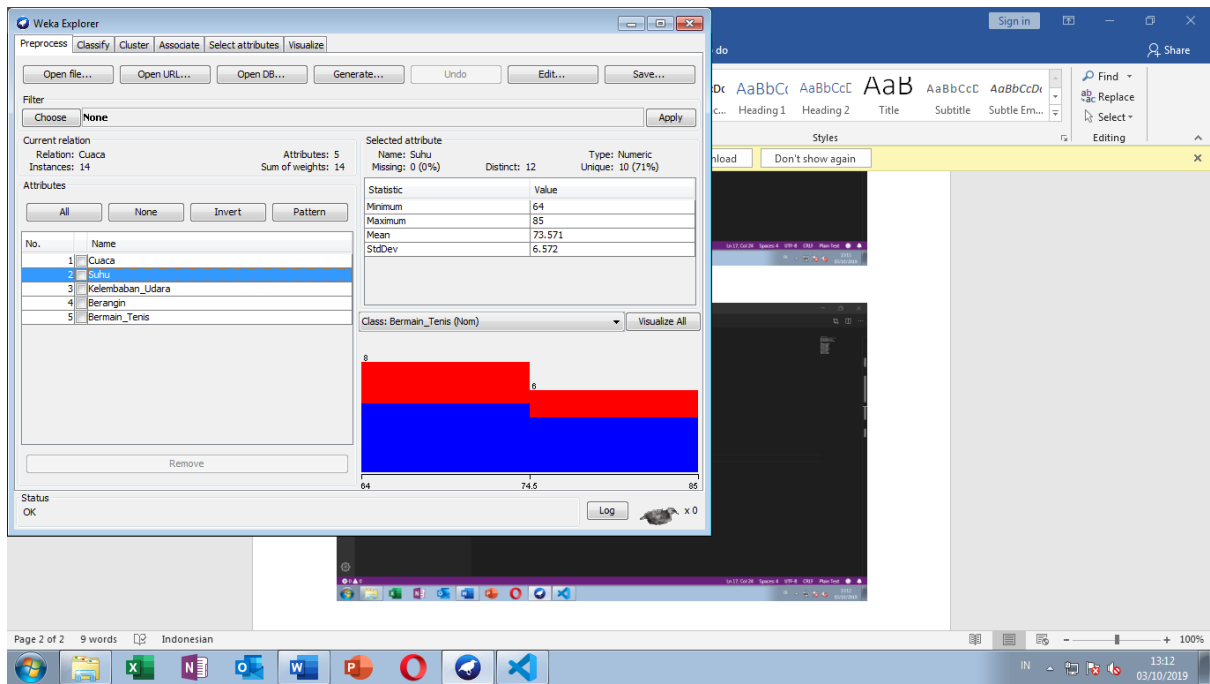
No.	Label	Count	Weight
1	Cerah	5	5.0
2	Mendung	4	4.0
3	Hujan	5	5.0

Class: Berman_Tenis (Nom) Visualize All

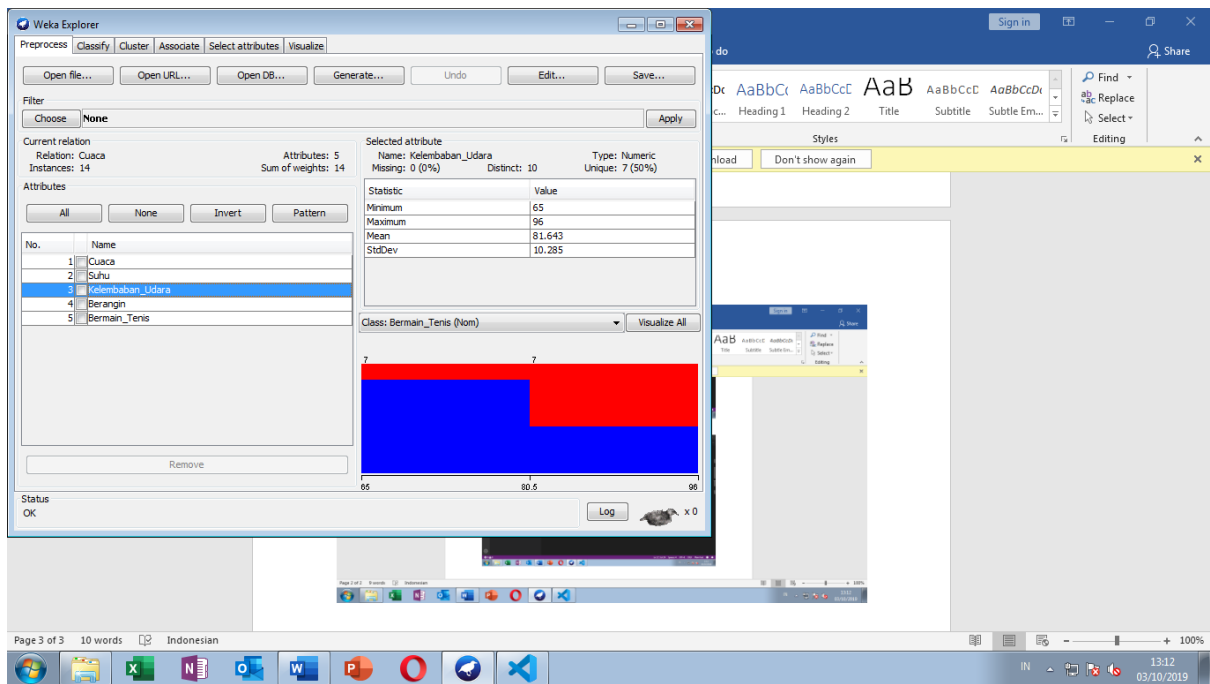
Status OK Log x 0

Ln 17, Col 24 Spaces: 4 UTF-8 CRLF Plain Text 13:12 03/10/2019

Suhu



Kelembaban_Udara



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

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

Page 3 of 3 11 words Indonesian

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

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

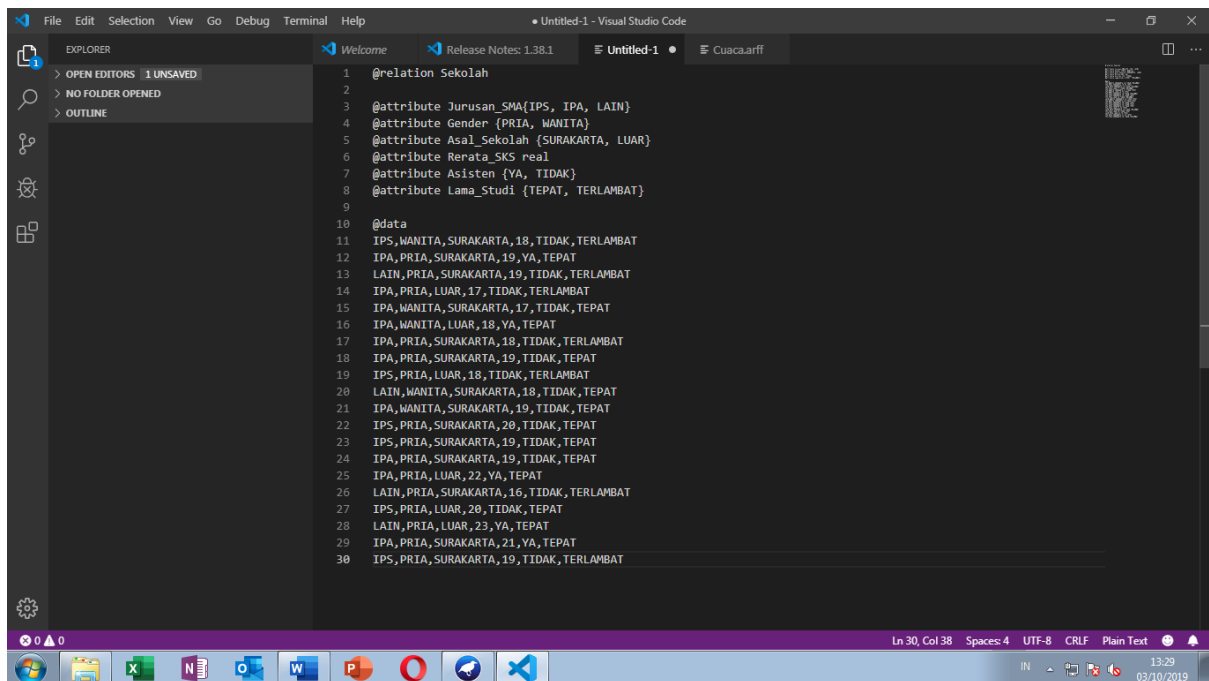
No.	Label	Count	Weight
1	YA	9	9.0
2	TIDAK	5	5.0

Class: Bermain_Tenis (Nom) Visualize All

Status OK Log x 0

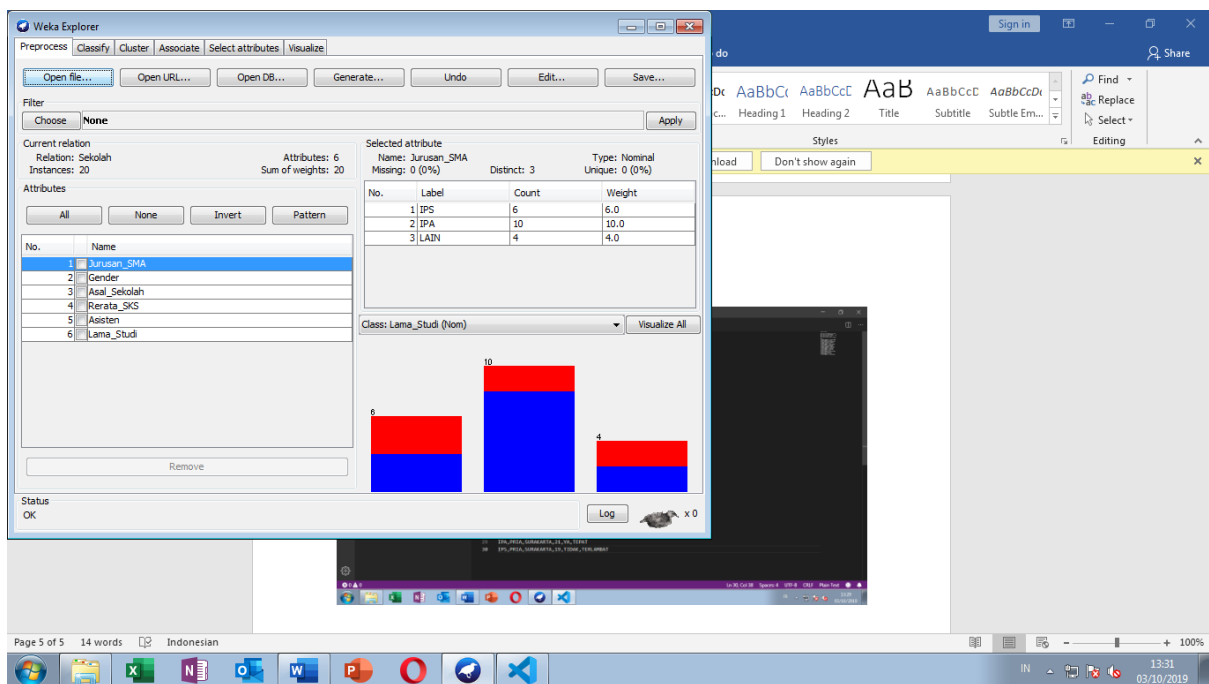
Page 4 of 4 12 words Indonesian

TUGAS

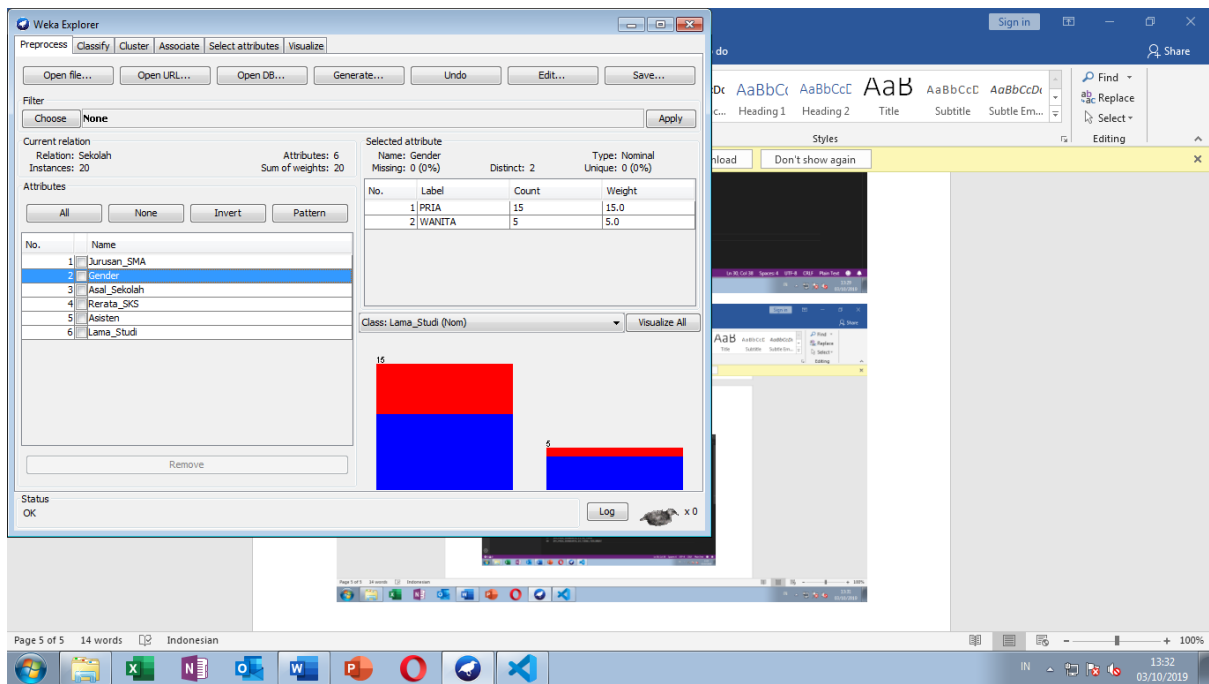


```
1 @relation Sekolah
2
3 @attribute Jurusan_SMA{IPS, IPA, LAIN}
4 @attribute Gender {PRIA, WANITA}
5 @attribute Asal_Sekolah {SURAKARTA, LUAR}
6 @attribute Rerata_SKS real
7 @attribute Asisten {YA, TIDAK}
8 @attribute Lama_Studi {TEPAT, TERLAMBAT}
9
10 @data
11 IPS,WANITA,SURAKARTA,18,TIDAK,TERLAMBAT
12 IPA,PRIA,SURAKARTA,19,YA,TEPAT
13 LAIN,PRIA,SURAKARTA,19,TIDAK,TERLAMBAT
14 IPA,PRIA,LUAR,17,TIDAK,TERLAMBAT
15 IPA,WANITA,SURAKARTA,17,TIDAK,TEPAT
16 IPA,WANITA,LUAR,18,YA,TEPAT
17 IPA,PRIA,SURAKARTA,18,TIDAK,TERLAMBAT
18 IPA,PRIA,SURAKARTA,19,TIDAK,TEPAT
19 IPS,PRIA,LUAR,18,TIDAK,TERLAMBAT
20 LAIN,WANITA,SURAKARTA,18,TIDAK,TEPAT
21 IPA,WANITA,SURAKARTA,19,TIDAK,TEPAT
22 IPS,PRIA,SURAKARTA,20,TIDAK,TEPAT
23 IPS,PRIA,SURAKARTA,19,TIDAK,TEPAT
24 IPA,PRIA,SURAKARTA,19,TIDAK,TEPAT
25 IPA,PRIA,LUAR,22,YA,TEPAT
26 LAIN,PRIA,SURAKARTA,16,TIDAK,TERLAMBAT
27 IPS,PRIA,LUAR,20,TIDAK,TEPAT
28 LAIN,PRIA,LUAR,23,YA,TEPAT
29 IPA,PRIA,SURAKARTA,21,YA,TEPAT
30 IPS,PRIA,SURAKARTA,19,TIDAK,TERLAMBAT
```

Jurusan_SMA



Gender

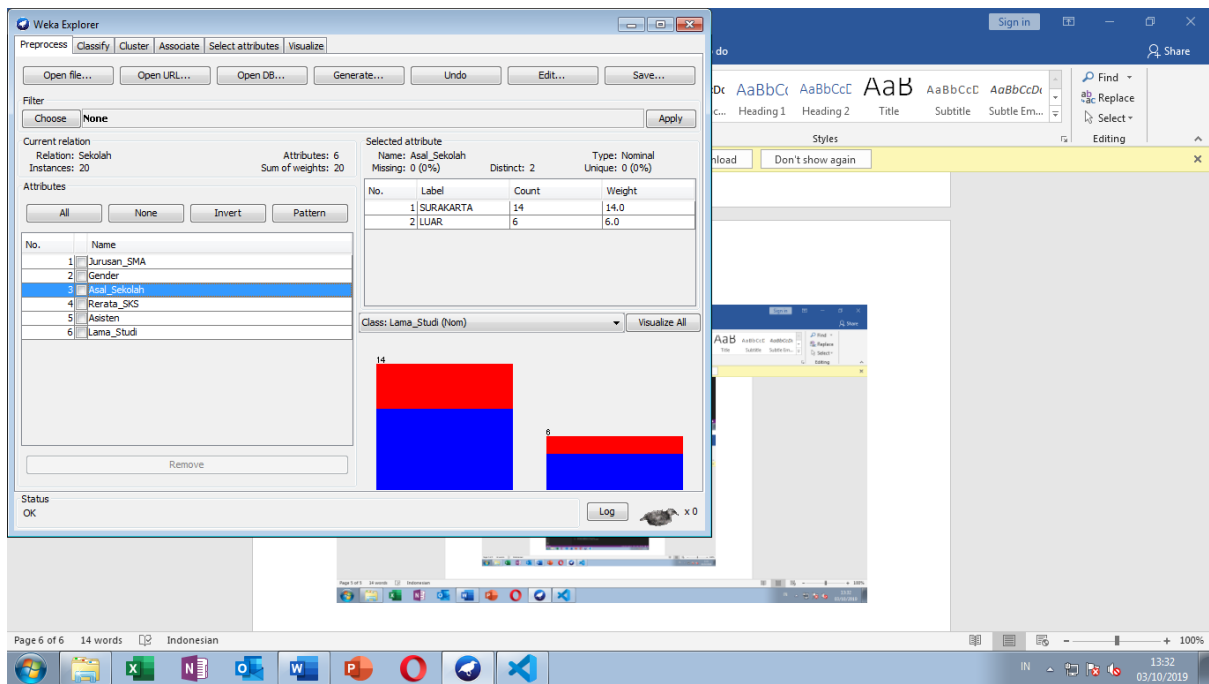


Weka Explorer interface showing the Gender attribute selected for visualization. The 'Selected attribute' table displays the following data:

No.	Label	Count	Weight
1	PRIA	15	15.0
2	WANITA	5	5.0

The visualization shows a red bar for PRIA and a blue bar for WANITA. The status bar indicates 'Page 5 of 5', '14 words', and 'Indonesian'.

Asal_Sekolah



Weka Explorer interface showing the Asal_Sekolah attribute selected for visualization. The 'Selected attribute' table displays the following data:

No.	Label	Count	Weight
1	SURABAYA	14	14.0
2	LUAR	6	6.0

The visualization shows a red bar for SURABAYA and a blue bar for LUAR. The status bar indicates 'Page 6 of 6', '14 words', and 'Indonesian'.

Rerata_SKS

Weka Explorer interface showing the 'Rerata_SKS' attribute selected for visualization. The attribute is numeric with 8 distinct values. The visualization shows a bar chart with two bars: a red bar for 'YA' (value 16) and a blue bar for 'TIDAK' (value 23).

Statistic	Value
Minimum	16
Maximum	23
Mean	18.95
StdDev	1.669

Class: Lama_Studi (nom) Visualize All

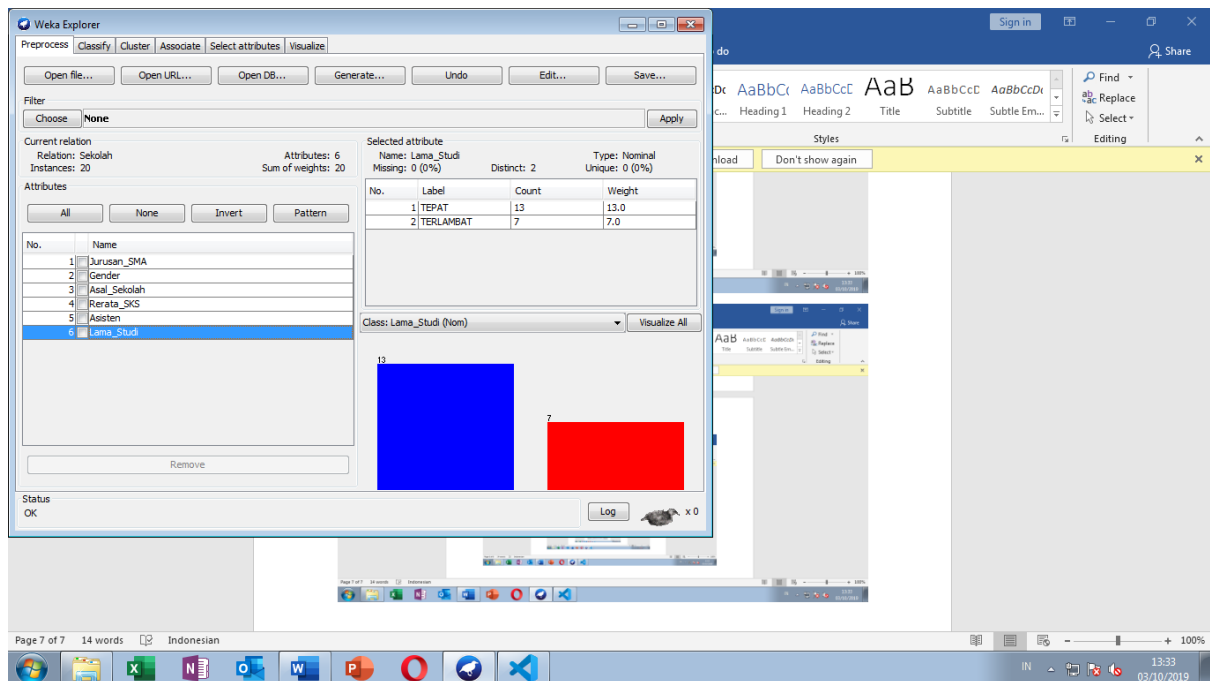
Asisten

Weka Explorer interface showing the 'Asisten' attribute selected for visualization. The attribute is nominal with 2 distinct values. The visualization shows a bar chart with two bars: a red bar for 'YA' (value 5) and a blue bar for 'TIDAK' (value 15).

No.	Label	Count	Weight
1	YA	5	5.0
2	TIDAK	15	15.0

Class: Lama_Studi (nom) Visualize All

Lama_Studi



Atribut yang bertipe binomial ada 4:

- Gender (Pria, Wanita)
- Asal_Sekolah (Surakarta, Luar)
- Asisten (Ya, Tidak)
- Lama_Studi (Tepat, Terlambat)

Atribut yang bertipe polynomial ada 1:

- Jurusan_SMA (IPA, IPS, LAIN)

Atribut yang bertipe real ada 1 :

- Rerata_SKS

Nilai maksimum, minimum, mean, dan StdDev pada Rerata_SKS:

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