

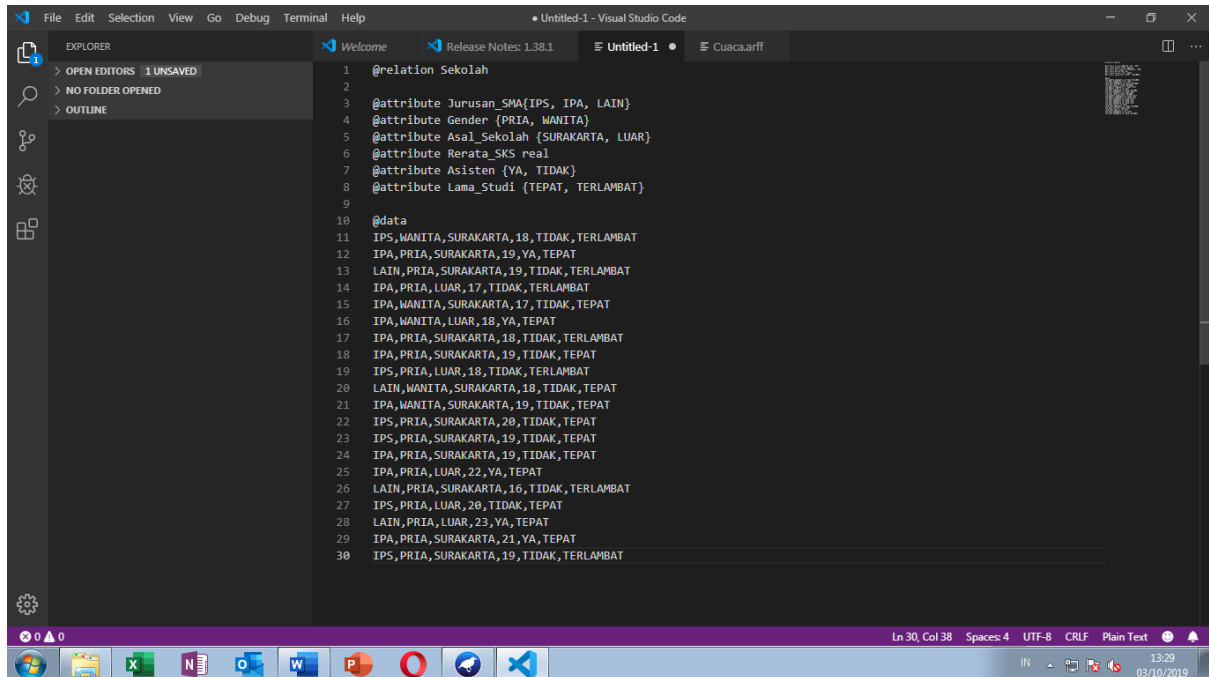
Nama : Anom Wisnu Subroto

NIM : L200170071

Kelas : C

## MODUL 7

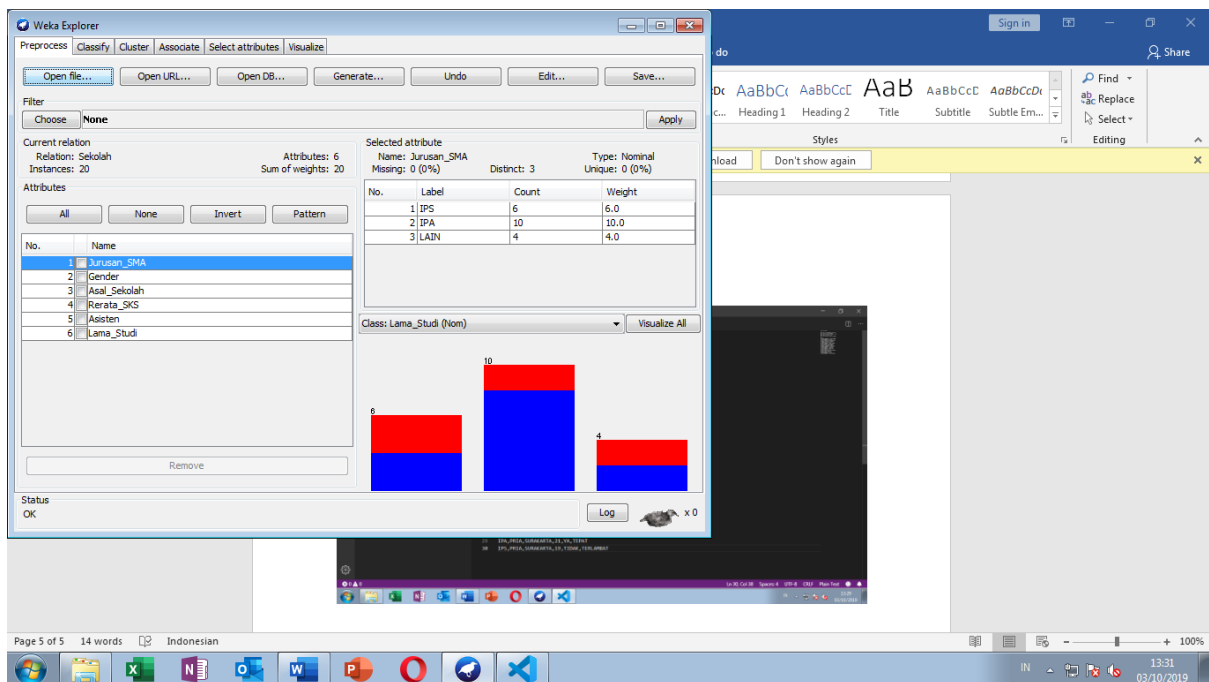
### TUGAS



The screenshot shows the Visual Studio Code interface with a file named 'CuaCa.arff' open. The file contains an ARFF dataset definition. The '@relation' is 'Sekolah'. Attributes include 'Jurusan\_SMA' (nominal), 'Gender' (nominal), 'Asal\_Sekolah' (nominal), 'Rerata\_SKS' (real), 'Asisten' (nominal), and 'Lama\_Studi' (nominal). The '@data' section lists 30 instances of the dataset.

```
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 attribute is nominal with two distinct values: PRIA (15 instances) and WANITA (5 instances). The visualization shows a bar chart with red and blue bars.

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

Class: Lama\_Studi (Nom) Visualize All

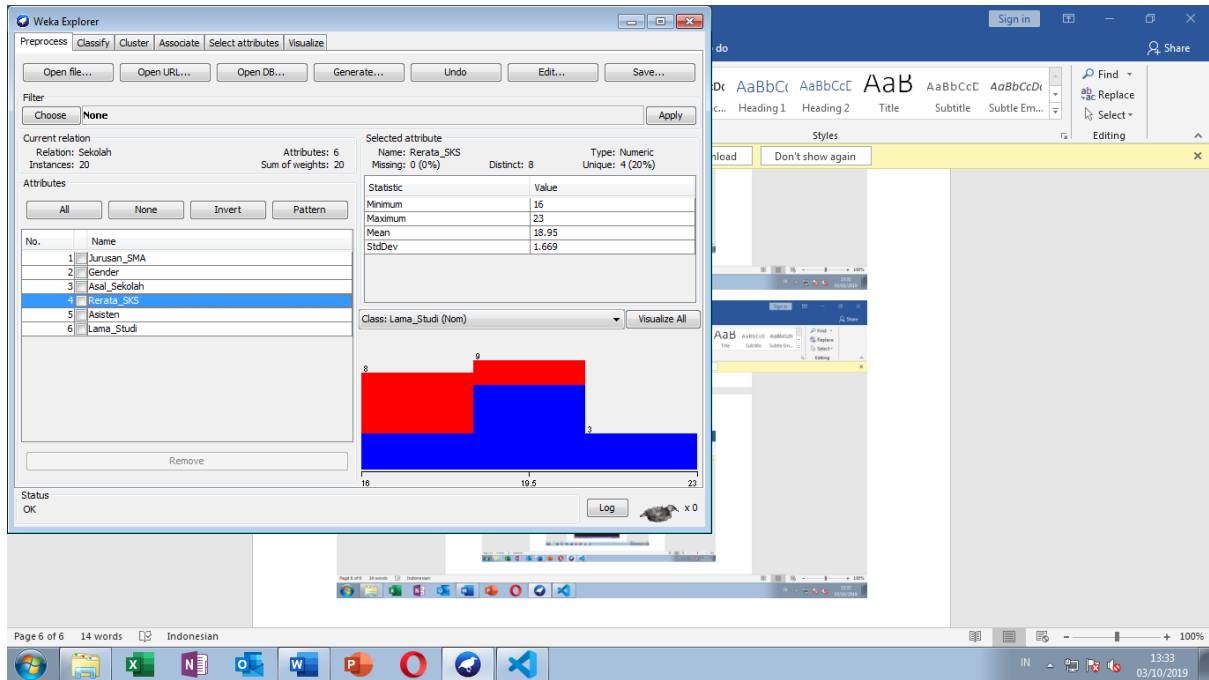
## Asal\_Sekolah

Weka Explorer interface showing the Asal\_Sekolah attribute selected for visualization. The attribute is nominal with two distinct values: SURABAYA (14 instances) and LUAR (6 instances). The visualization shows a bar chart with red and blue bars.

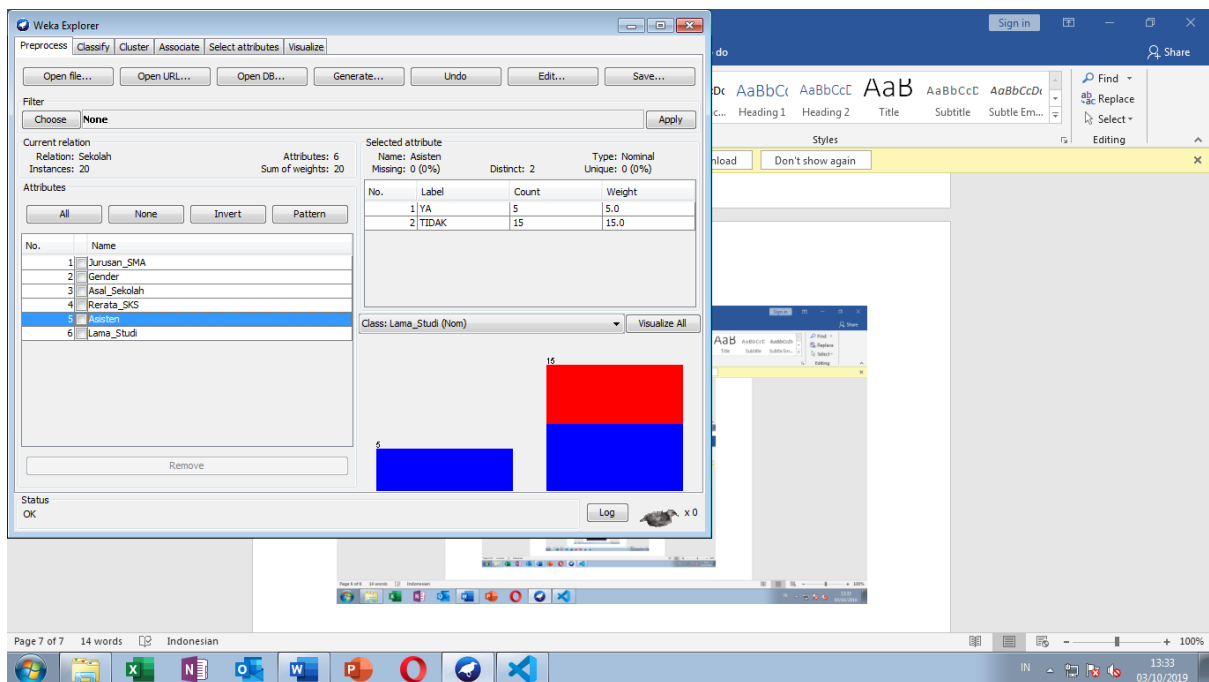
No.	Label	Count	Weight
1	SURABAYA	14	14.0
2	LUAR	6	6.0

Class: Lama\_Studi (Nom) Visualize All

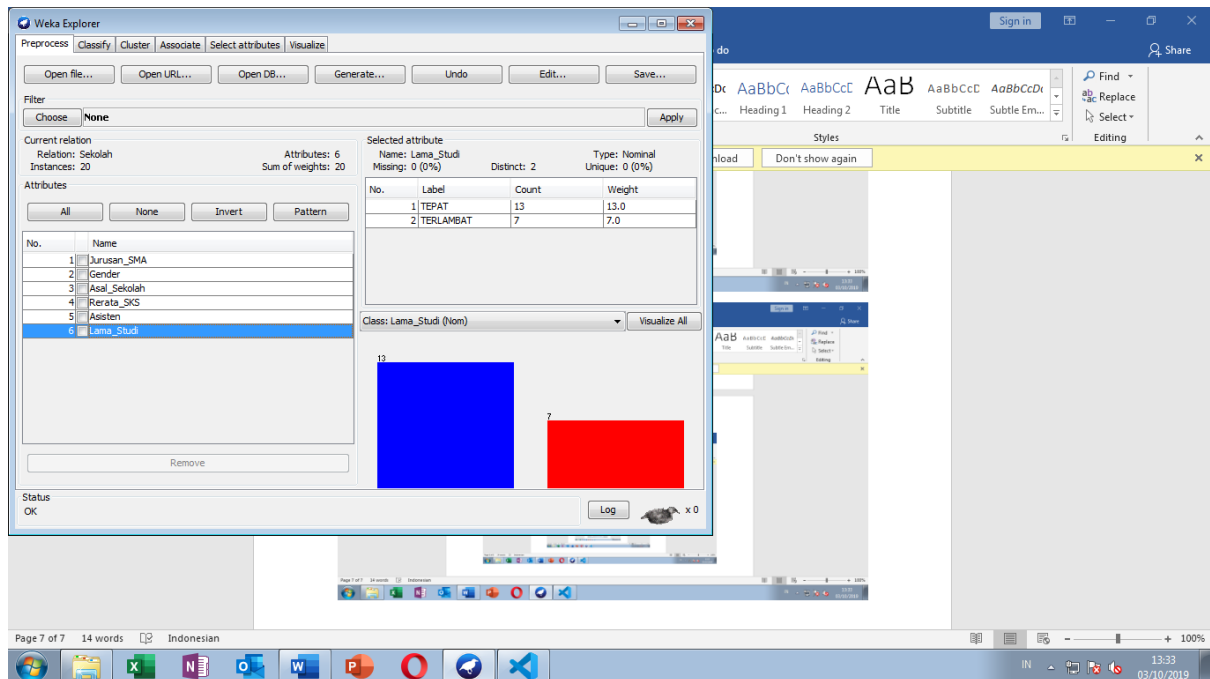
## Rerata\_SKS



## Asisten



## 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

Type: Numeric

Missing: 0 (0%)

Distinct: 8

Unique: 4 (20%)

Statistic	Value
Minimum	16
Maximum	23
Mean	18.95
StdDev	1.669