

Nama : Muhammad Huda Fatoni

NIM : L200170062

Kelas : C

Modul 7

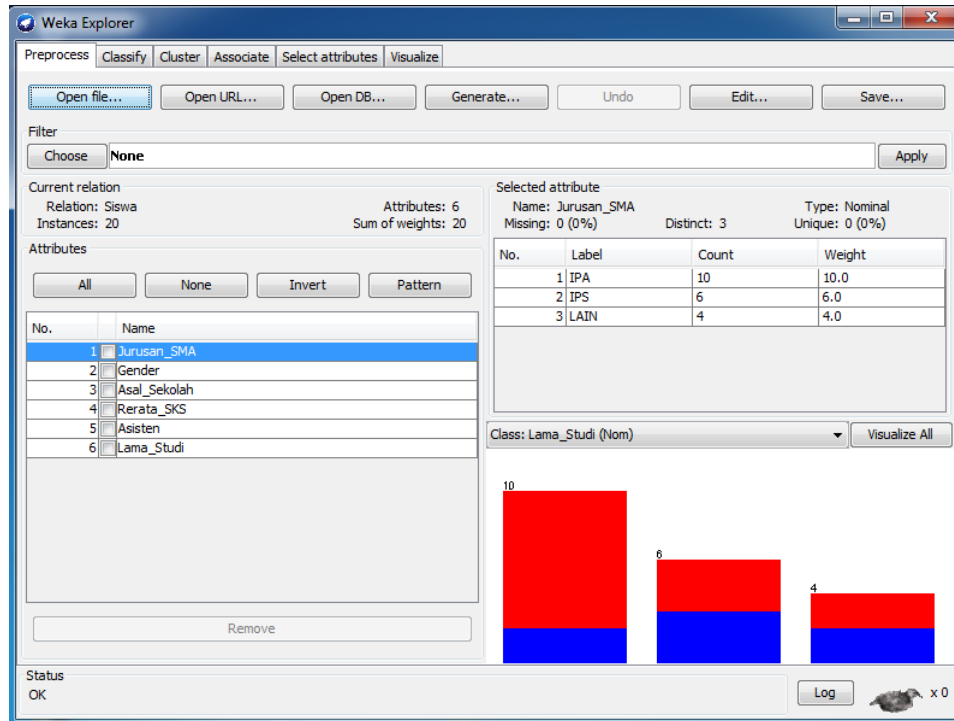
Tugas

1. Buat file arff berdasarkan tugas modul 6 soal nomor 1

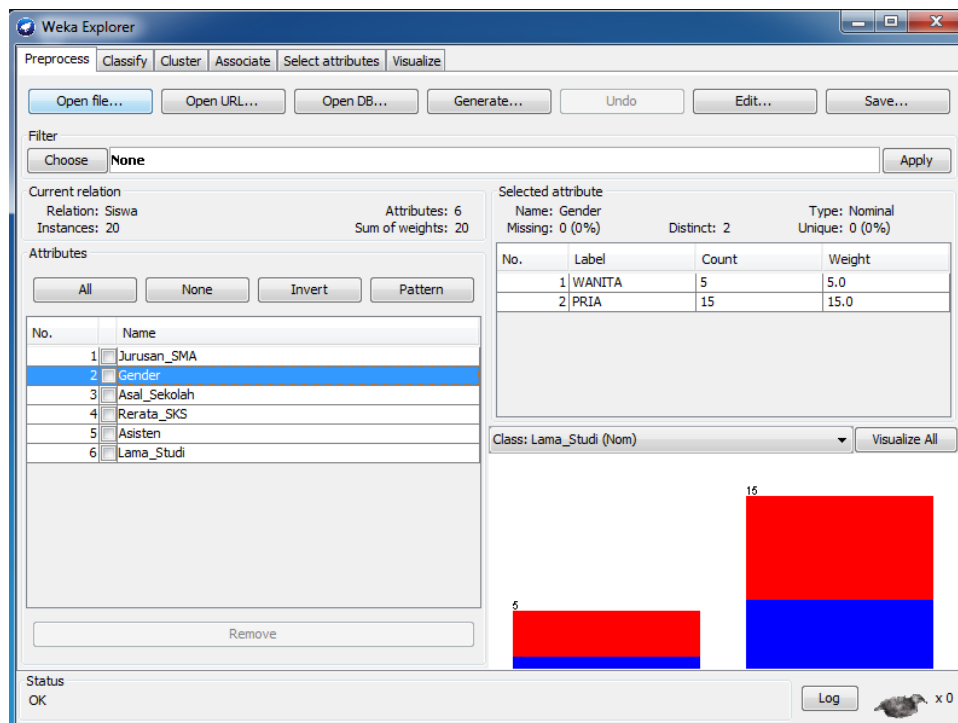
```
Welcome  Cuaca.arff  Untitled-1 ●
1  @relation Siswa
2
3  @attribute Jurusan_SMA {IPA, IPS, LAIN}
4  @attribute Gender {WANITA, PRIA}
5  @attribute Asal_Sekolah {SURAKARTA, LUAR}
6  @attribute Rerata_SKS real
7  @attribute Asisten {TIDAK, YA}
8  @attribute Lama_Studi {TERLAMBAT, TEPAT}
9
10 @data
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
```

## 2. Gambar grafik setiap data

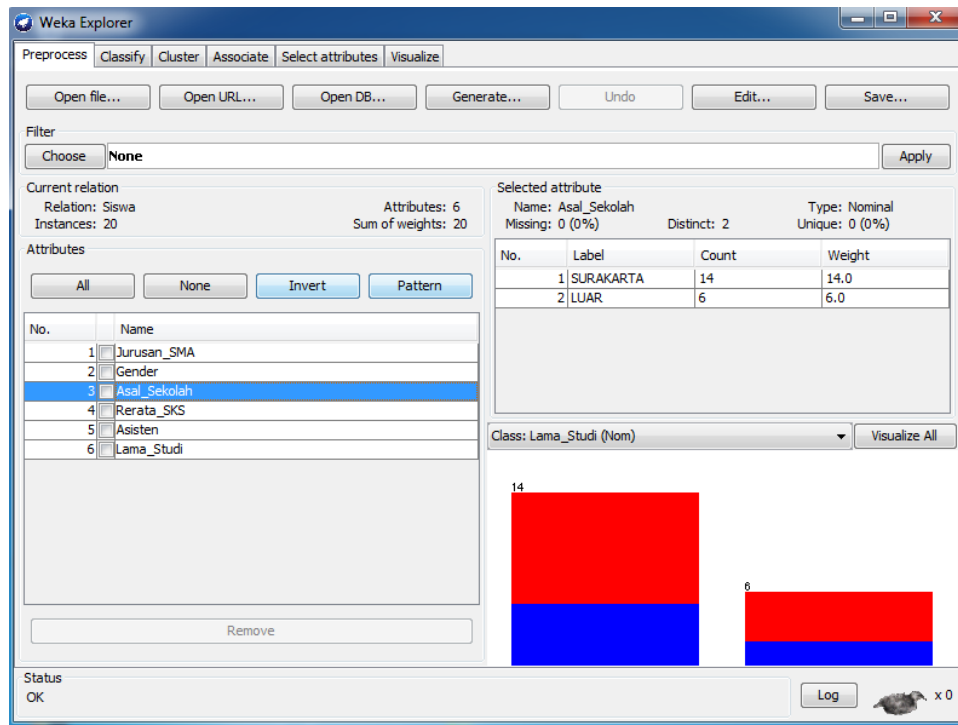
### Jurusan\_SMA



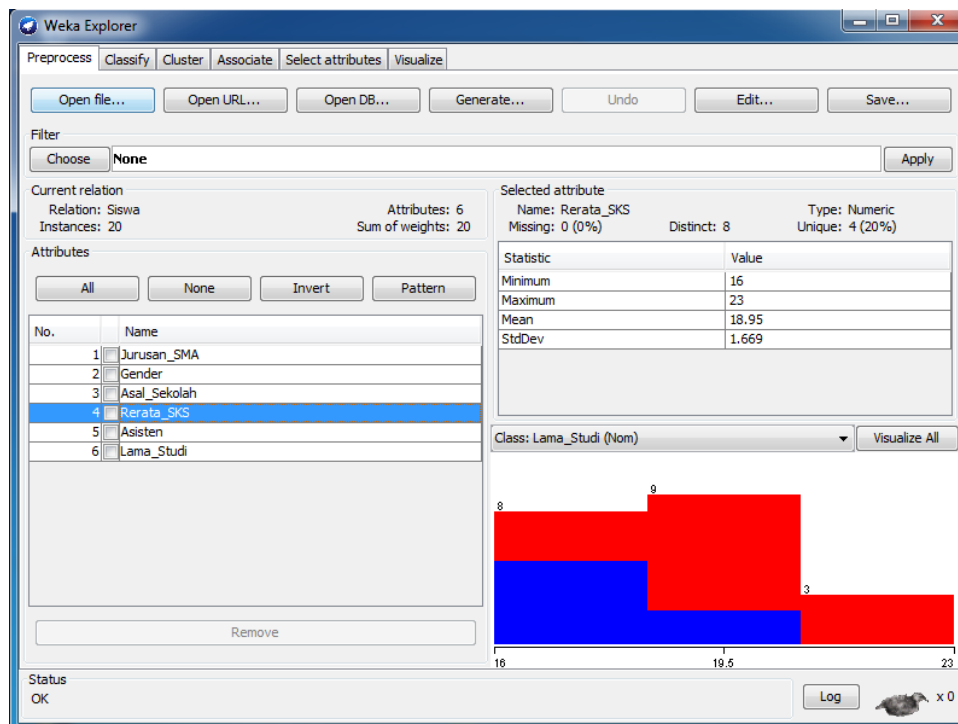
### Gender



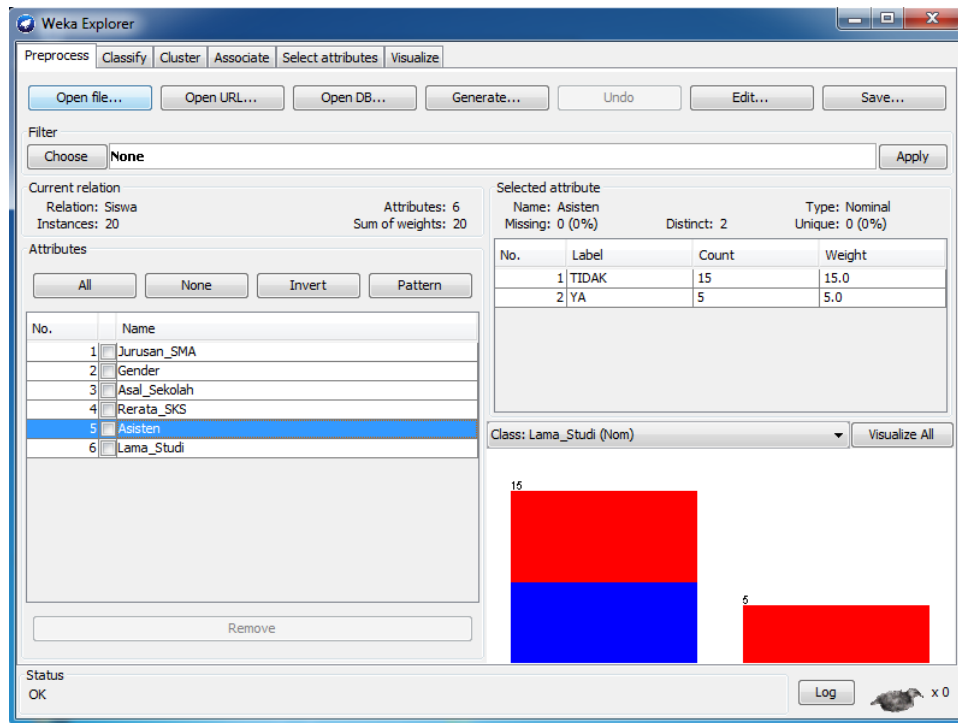
## Asal\_Sekolah



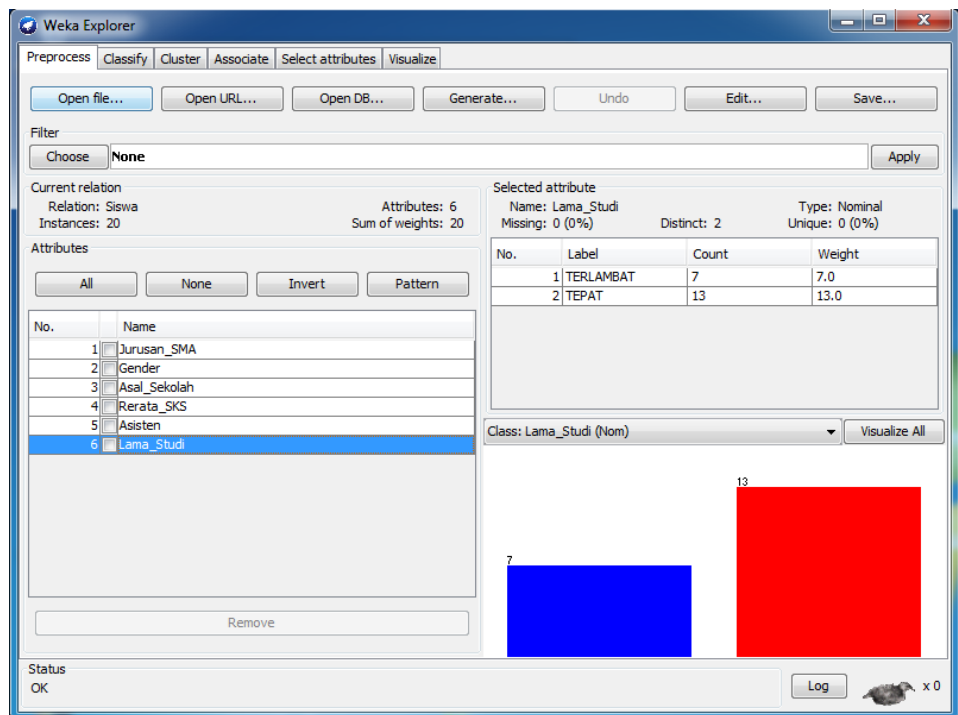
## Rerata\_SKS



## Asisten



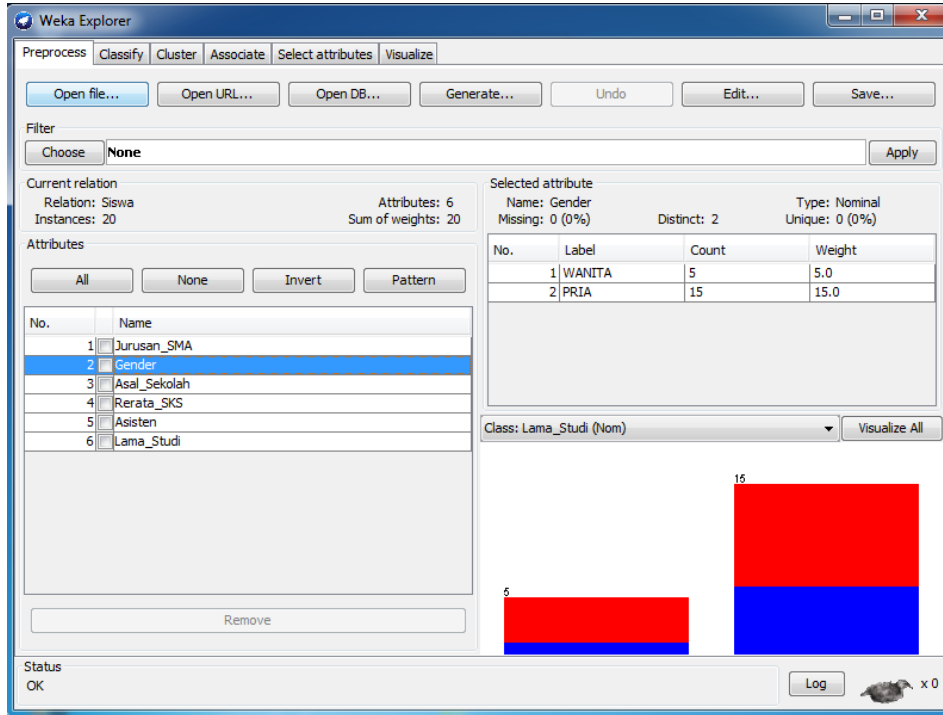
## Lama\_Studi



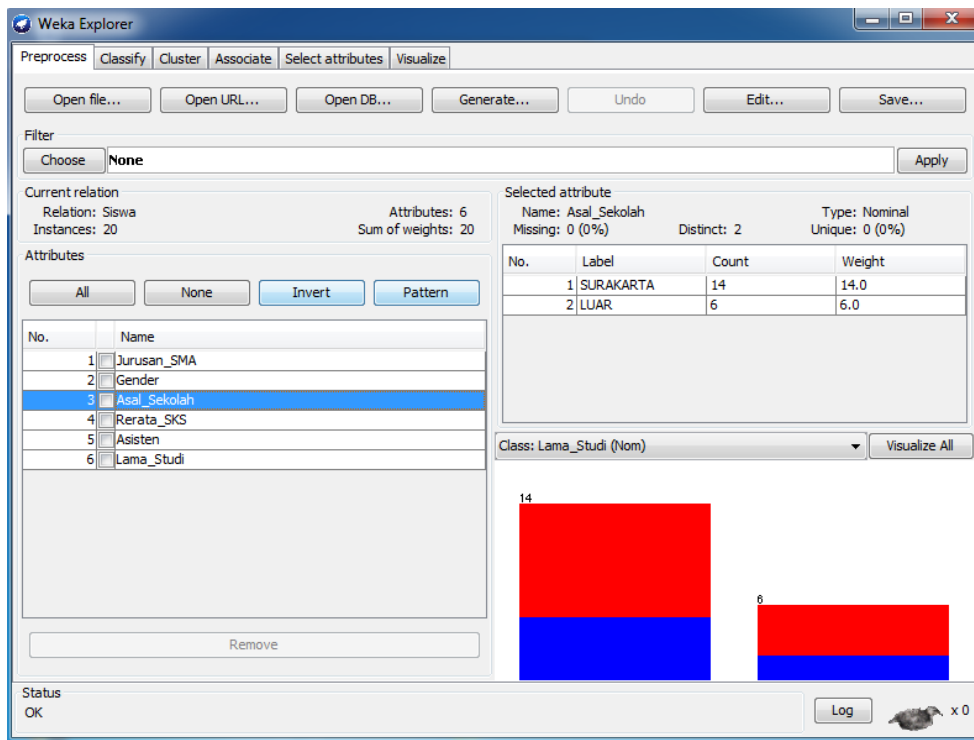
3. —
4. Jumlah atribut yang bertipe binomial dan polynomial

### Binomial

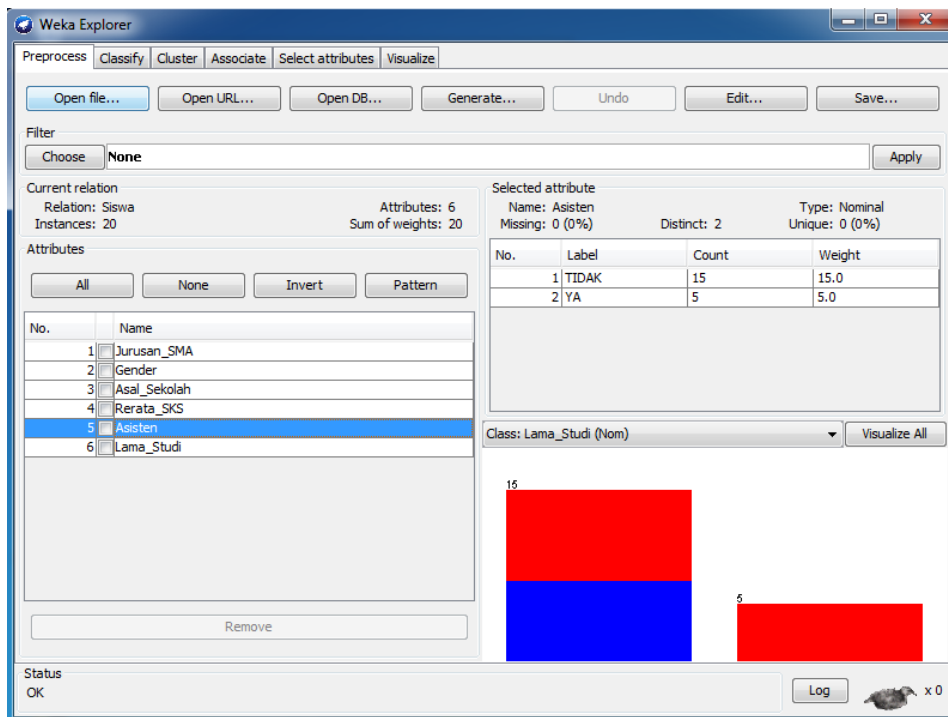
Gender



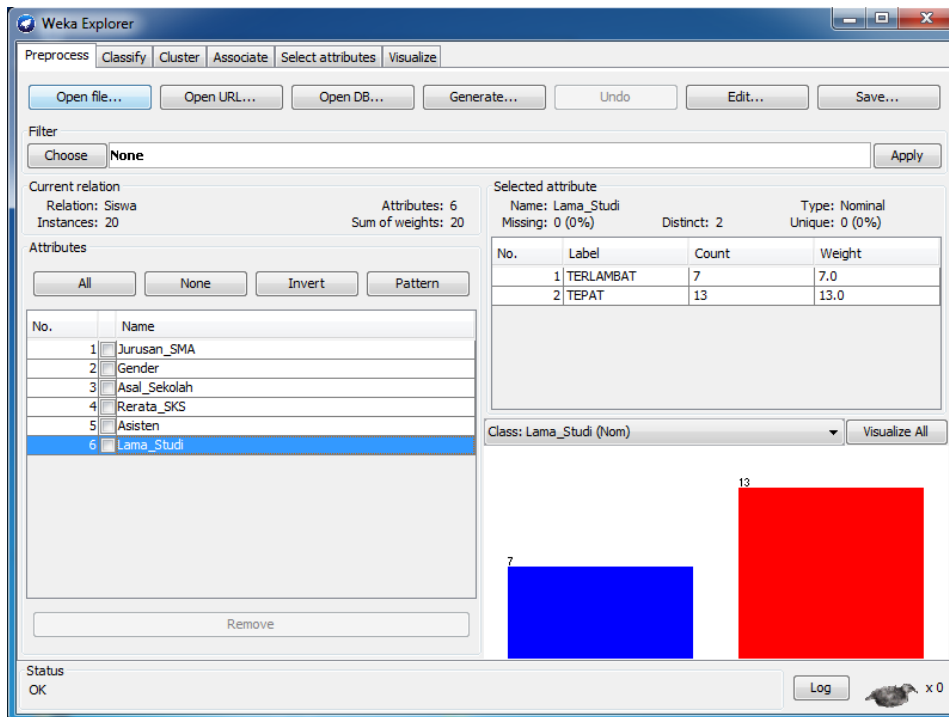
Asal\_Sekolah



Asisten

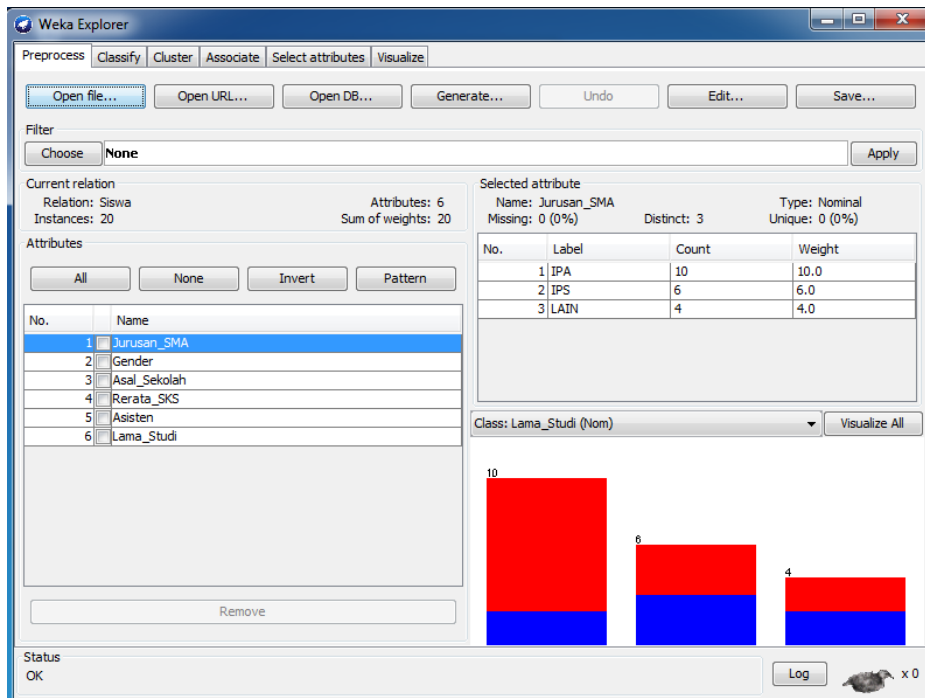


Lama\_Studi



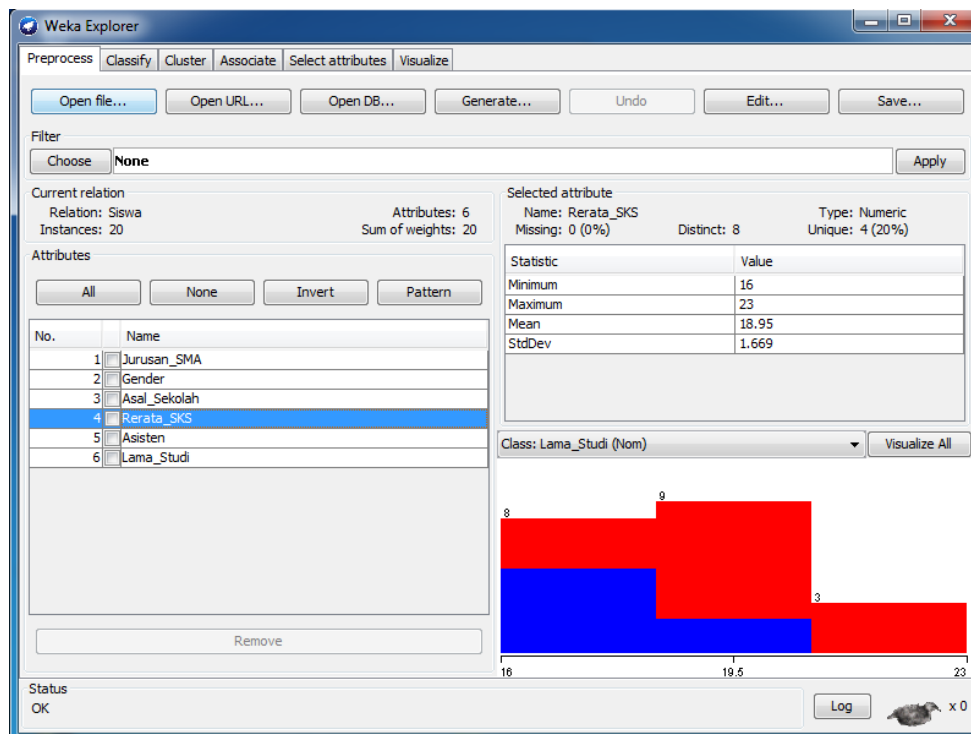
## Polynomial

Jurusan\_SMA



5. Atribut yang bertipe real

Rerata\_SKS



6. Pada attribute Rerata\_SKS berapakah besarnya nilai Maximum, Minimum, Mean dan StdDev (Standard Deviation)

Besar nilai :

- Max = 16
- Min = 23
- Mean = 18,95
- StdDev = 1,669