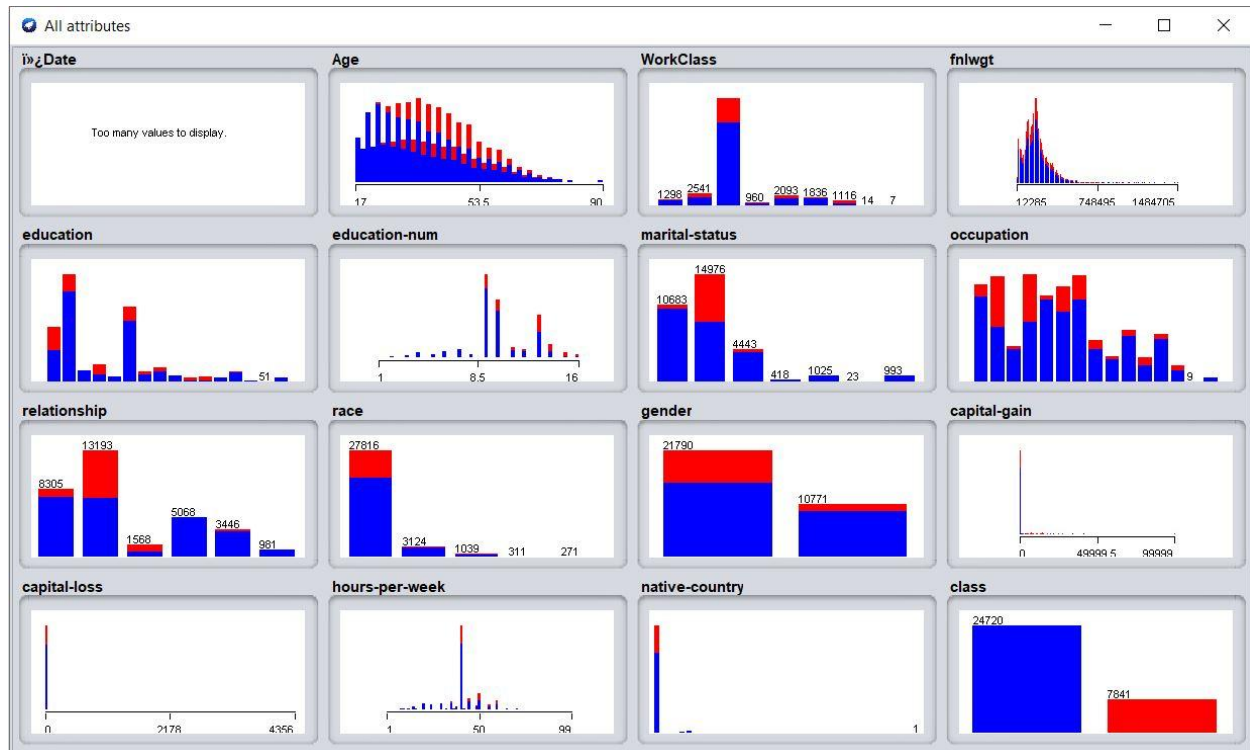
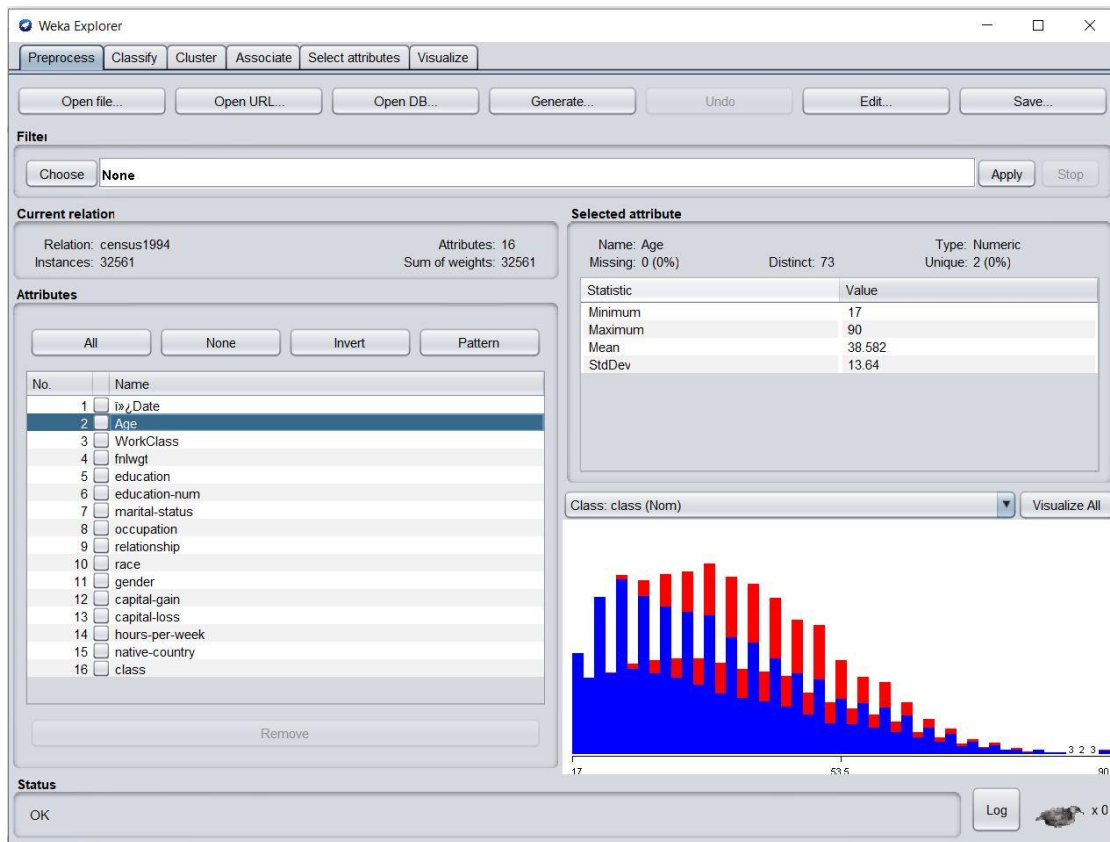


# WEKA

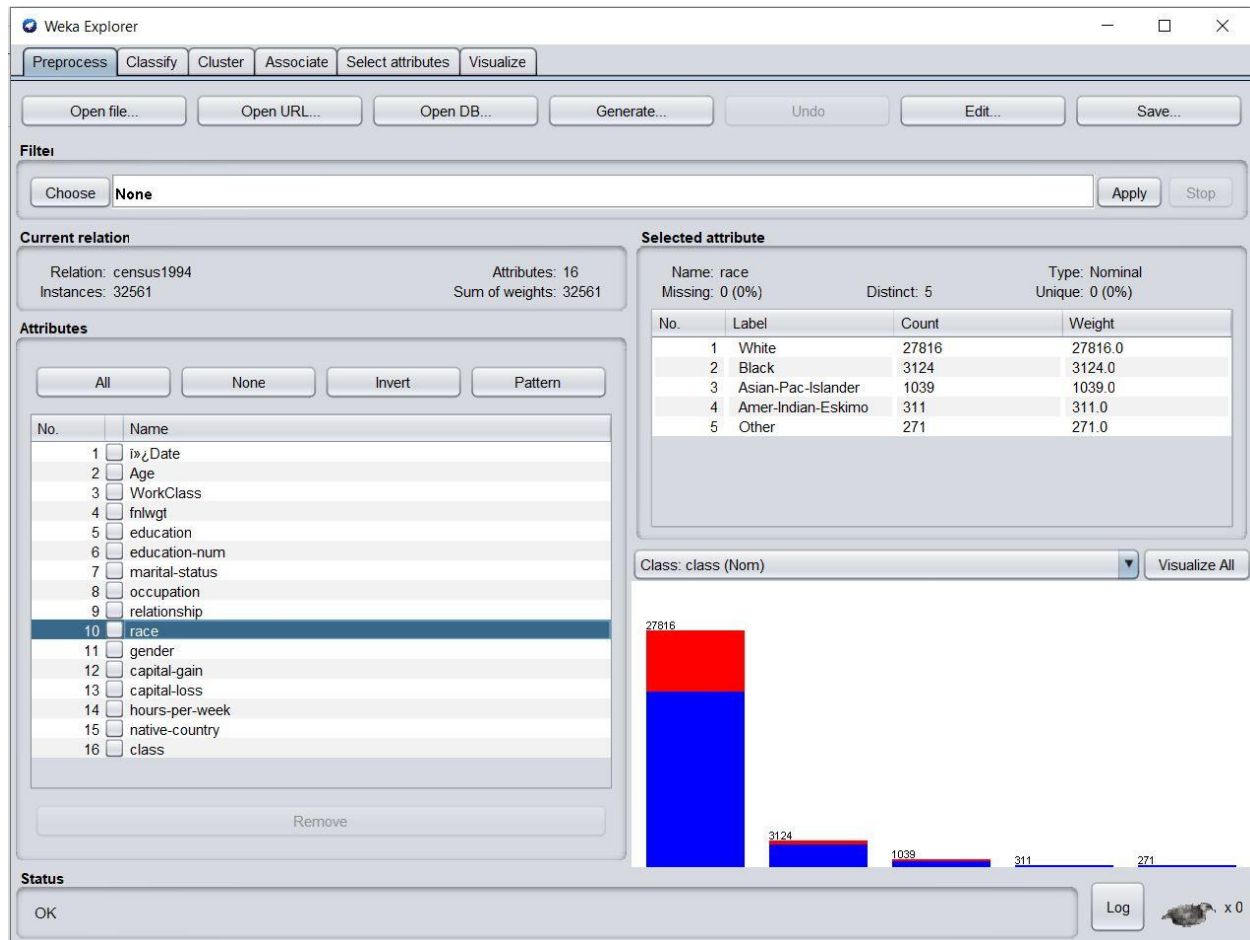
## Visualization of the data



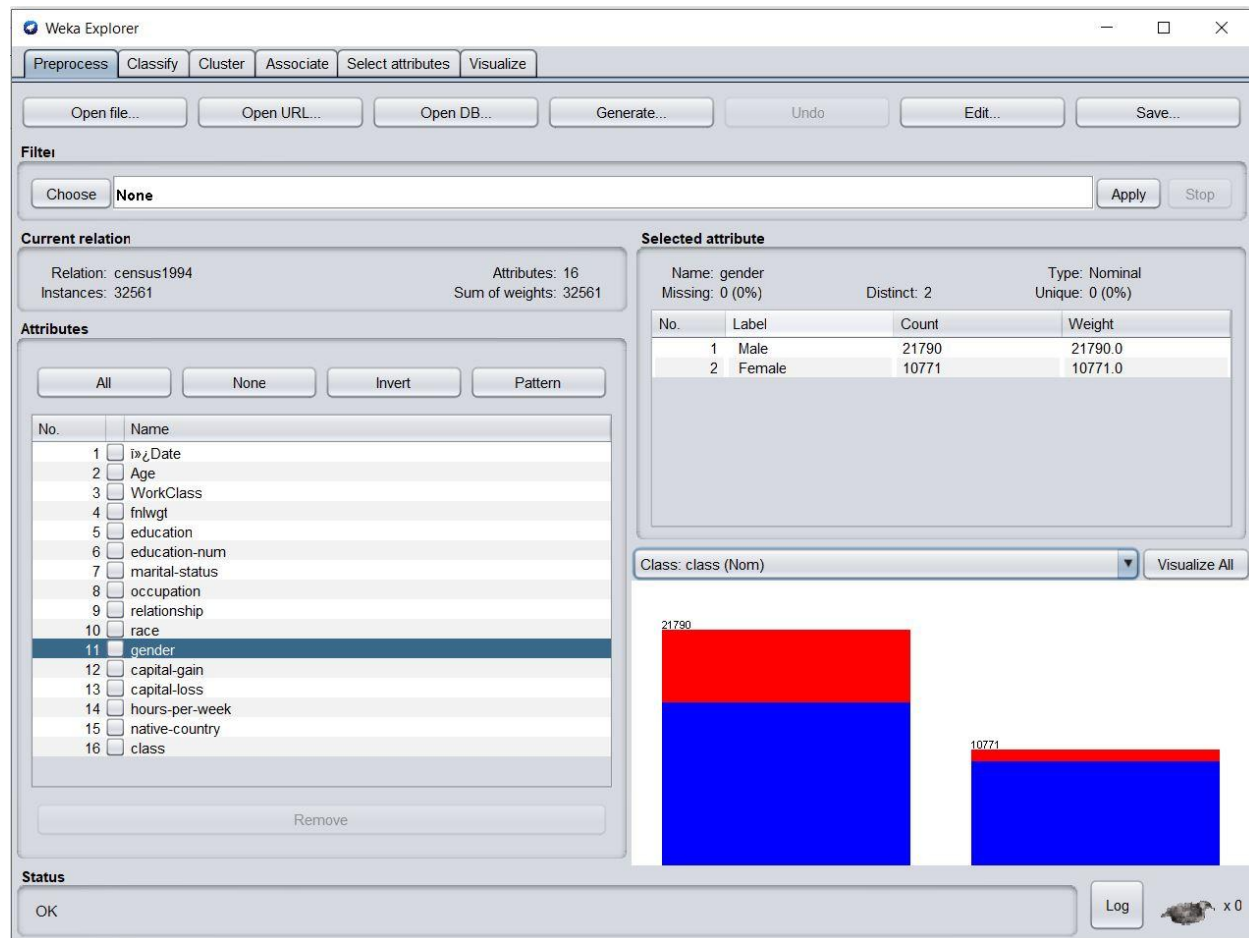
The above figure gives the graph of each column. With the min and max details.



In the age column, we get Maximum value as 90 and minimum age we get as 15 and mean as 38.58 and STD as 13.64.



In the race column, we got White with many occurrences(27816) and others with 271 values.



The male gender survey is more than the female gender survey.

Weka Explorer

Preprocess Classify Cluster Associate Select attributes Visualize

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

Filter: Choose **None** Apply Stop

**Current relation**

Relation: census1994  
Instances: 32561

Attributes: 16  
Sum of weights: 32561

**Attributes**

All None Invert Pattern

No.	Name
1	<input type="checkbox"/> ?Date
2	<input type="checkbox"/> Age
3	<input type="checkbox"/> WorkClass
4	<input type="checkbox"/> fnlwgt
5	<input type="checkbox"/> education
6	<input type="checkbox"/> education-num
7	<input type="checkbox"/> marital-status
8	<input type="checkbox"/> occupation
9	<input type="checkbox"/> relationship
10	<input type="checkbox"/> race
11	<input type="checkbox"/> gender
12	<input type="checkbox"/> capital-gain
13	<input type="checkbox"/> capital-loss
14	<input checked="" type="checkbox"/> hours-per-week
15	<input type="checkbox"/> native-country
16	<input type="checkbox"/> class

Remove

**Selected attribute**

Name: native-country  
Missing: 0 (0%)  
Distinct: 42  
Type: Nominal  
Unique: 1 (0%)

No.	Label	Count	Weight
1	United-States	29170	29170.0
2	Cuba	95	95.0
3	Jamaica	81	81.0
4	India	100	100.0
5	?	583	583.0
6	Mexico	643	643.0
7	South	80	80.0
8	Puerto-Rico	114	114.0
9	Honduras	13	13.0
10	England	90	90.0

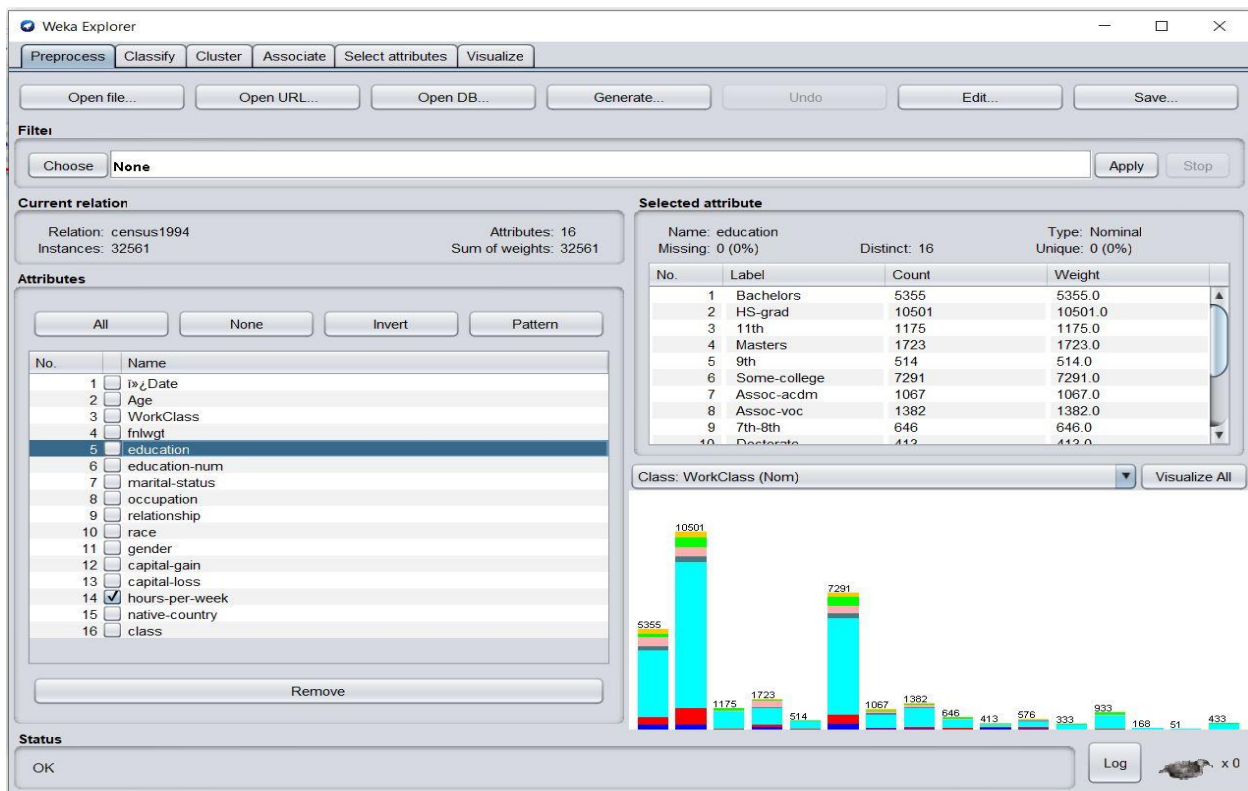
Class: class (Nom) Visualize All

95 81 1390 43 73 60 59 19 18 28 18 51 44 37 70 29 64 75 62 16 31 14 12 19 29 34 67 20 24 131

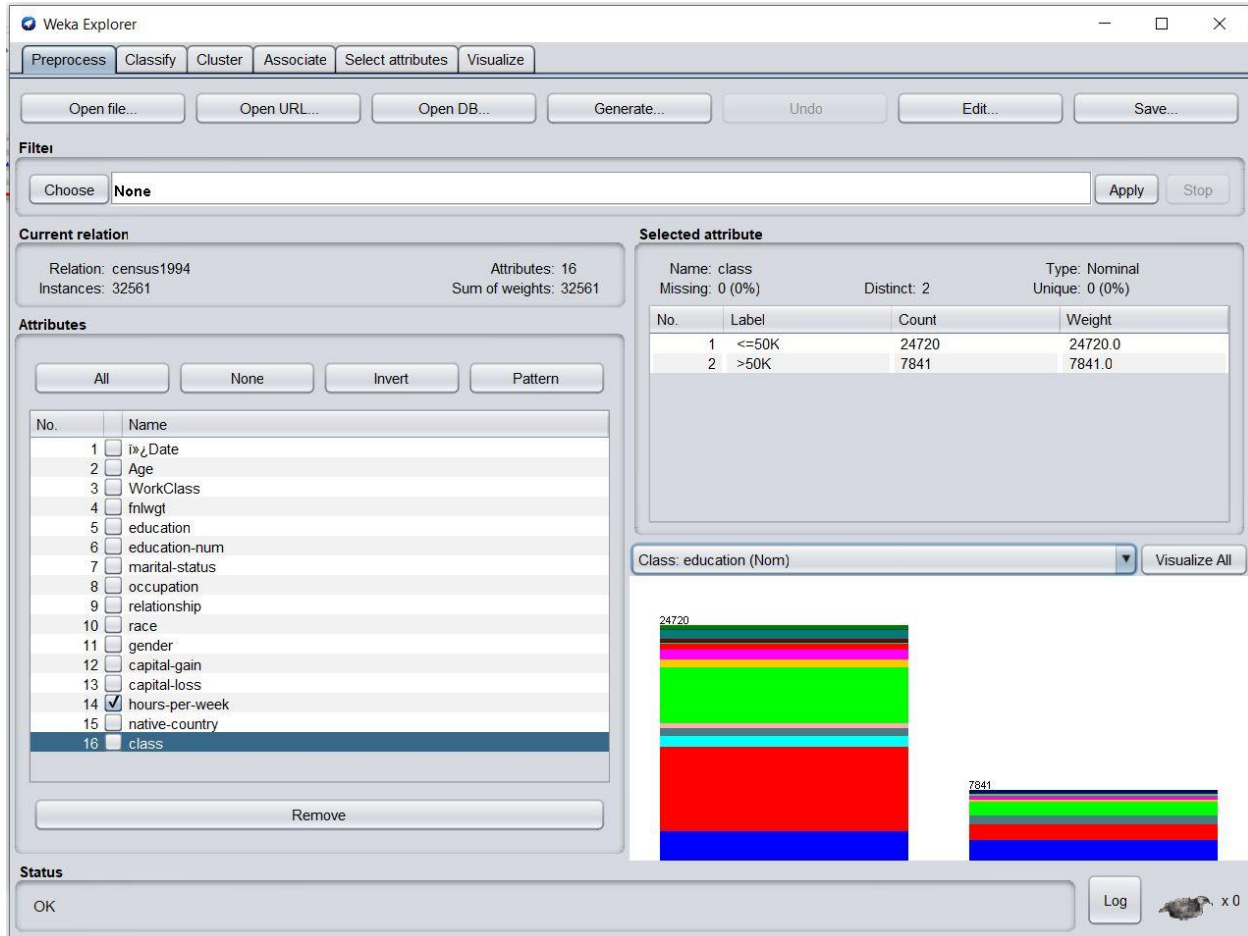
Status: OK Log x 0

In the native-country column, the United States has the maximum count of 29170. The graph

has a bar which denotes the United states.



In the above graph, education is crossed with workclass and we found that HS-grad with the private sector is numerous. The color light blue denotes the private sector in HS-grad.



In the above figure, we have crossed class with education and we found that <=50k is more in number and in the <=50k the count of HS-grad (red in color) is more than the rest of the education sectors.