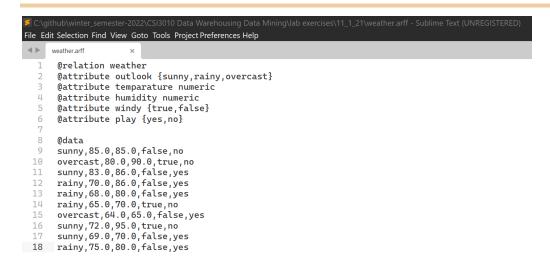
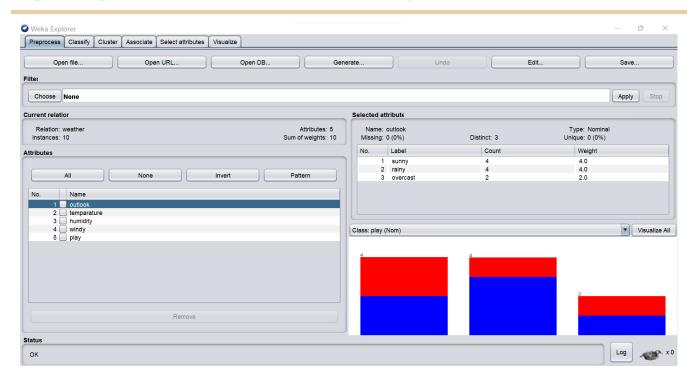
2) Discretization of Data using Weka 19MID0020

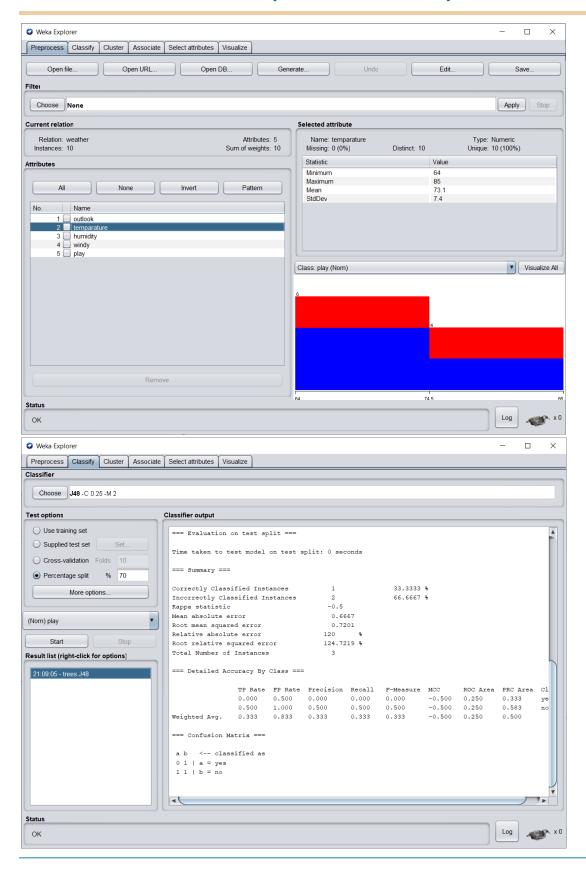
Data-Set Creation using Editor



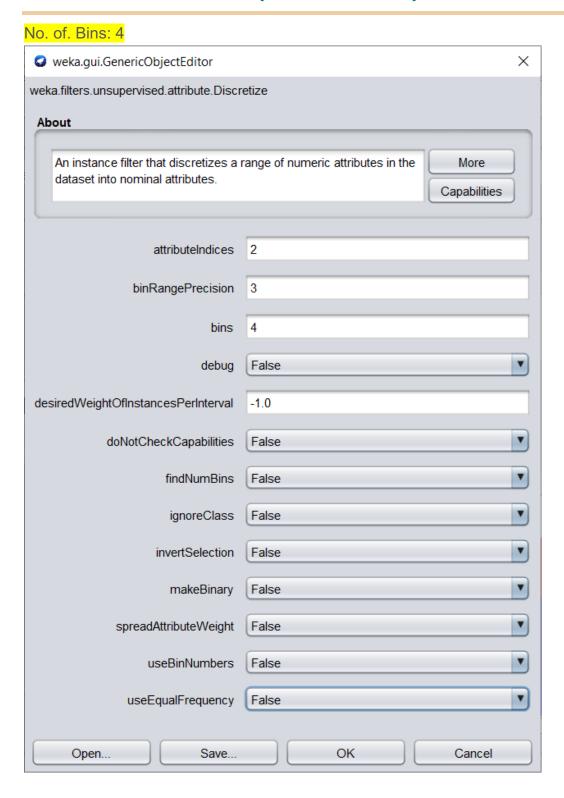
Opening the created Data-Set using Weka



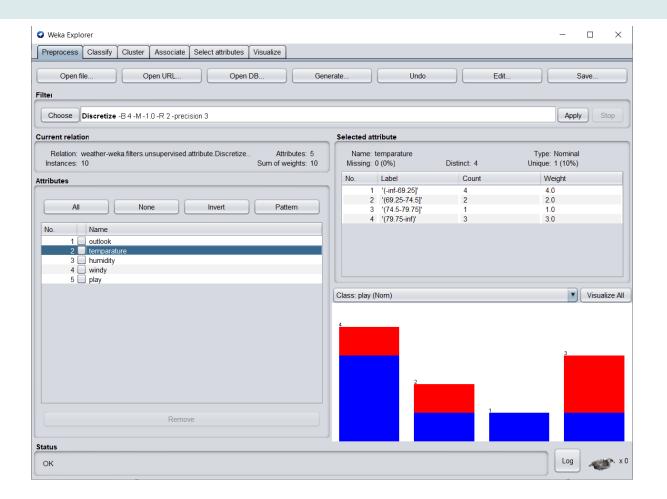
Before Discretization (No Bins Added)



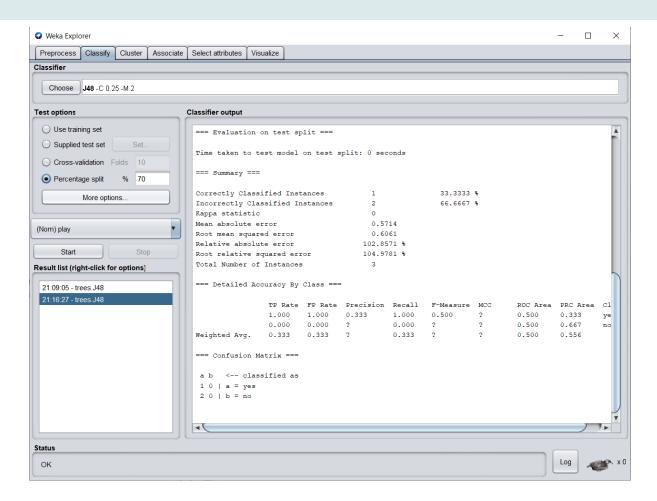
After Discretization (4 Bins Added)



19MID0020



19MID0020

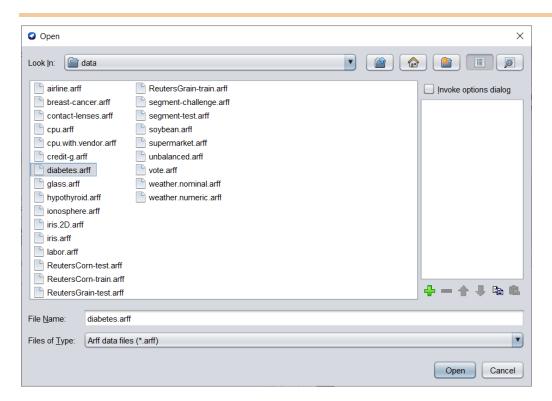


Accuracy: 33.333%

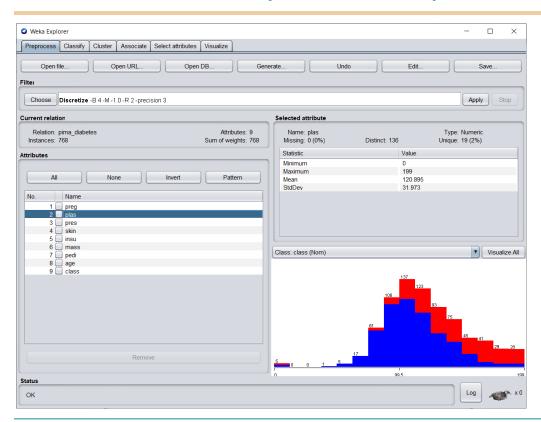
Accuracy varies when we change the split percentages.

Split %	Before Discretization	After Discretization
<mark>70%</mark>	<mark>33.33%</mark>	<mark>33.33%</mark>
<mark>50%</mark>	<mark>40%</mark>	<mark>40%</mark>

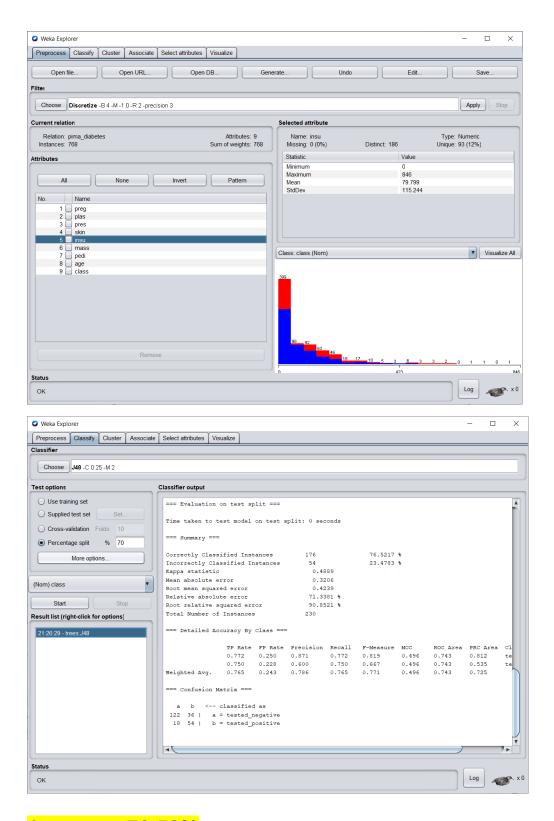
Prima Diabetes Data-Set



Before Discretization (No bins added)

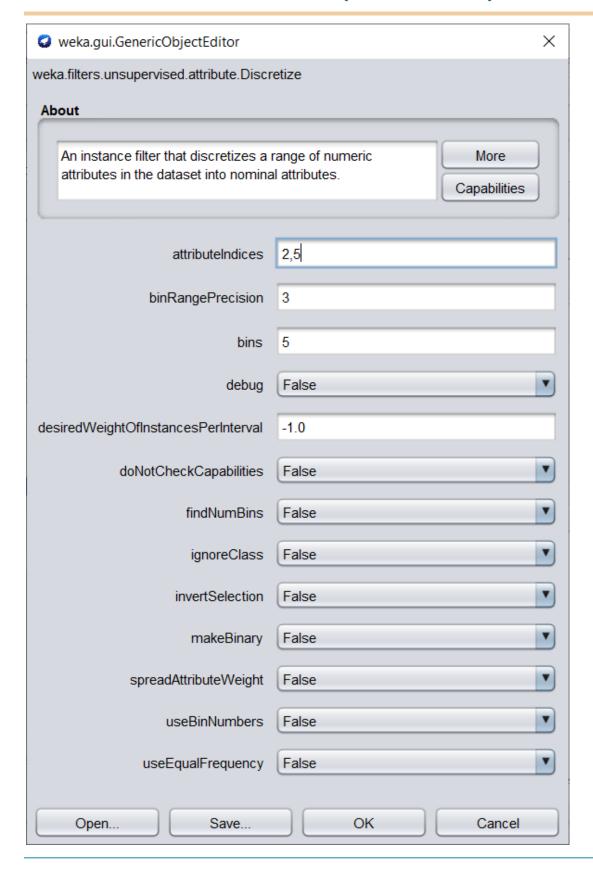


19MID0020

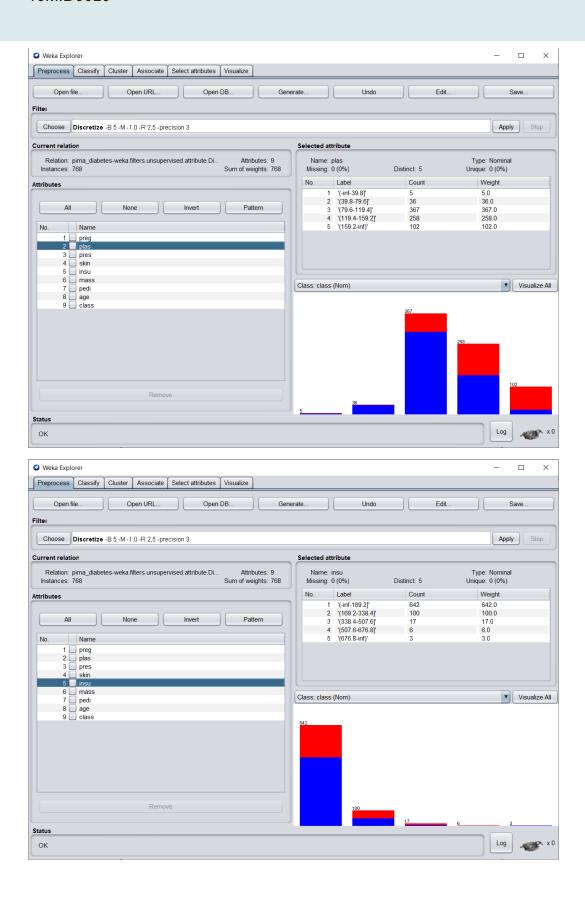


Accuracy: 76.52%

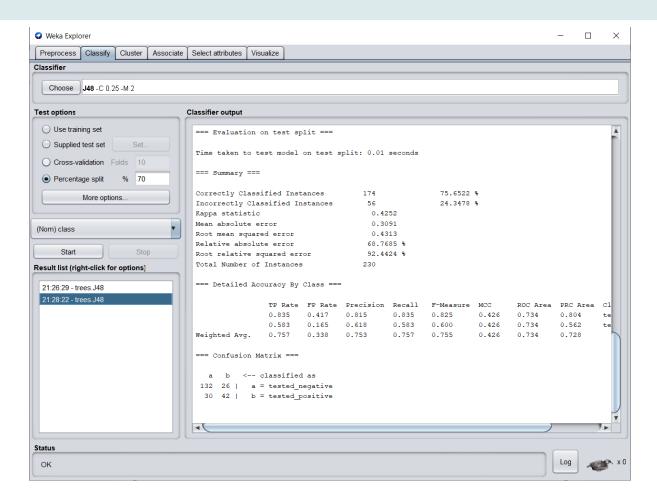
After Before Discretization (5 bins added)



19MID0020



19MID0020



Accuracy: 75.65%

Accuracy varies when we change the split percentages.

Split %	Before Discretization	After Discretization
<mark>70%</mark>	<mark>76.52%</mark>	<mark>75.65%</mark>
<mark>50%</mark>	<mark>74.21%</mark>	71.35%