

DATA WAREHOUSING AND DATA MINING

NAME: MOTHISHWARAN C.

REG No : 19MID0017

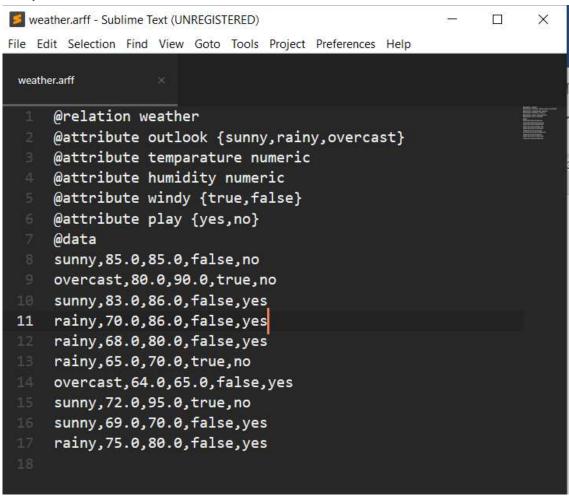
COURSE CODE : CSI3010

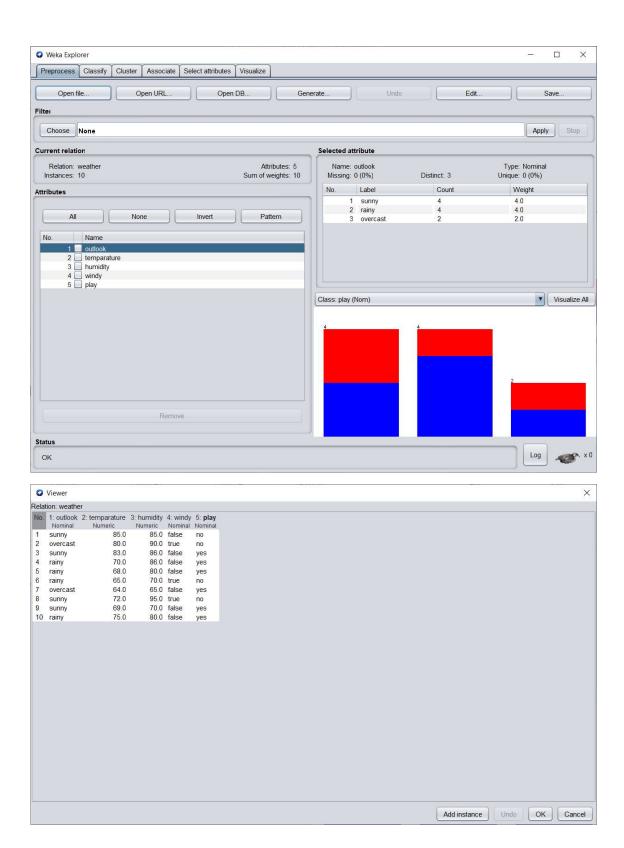
SLOT : L39+L40

FACULTY: DR. CHELLATHAMILAN T.

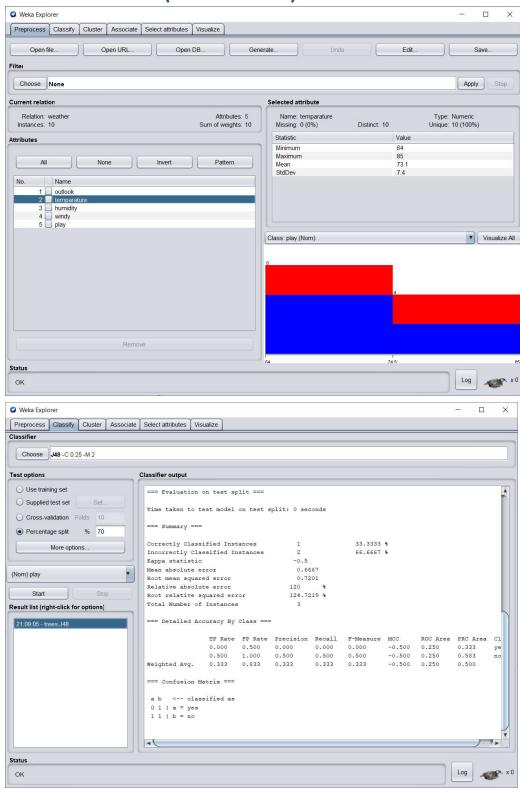
DISCRETIZATION OF DATA USING WEKA

1) Weather dataset:



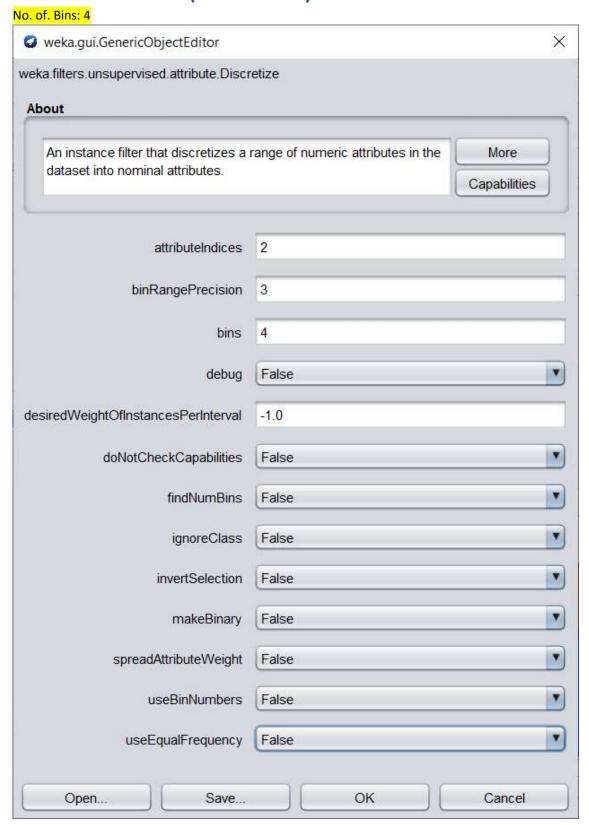


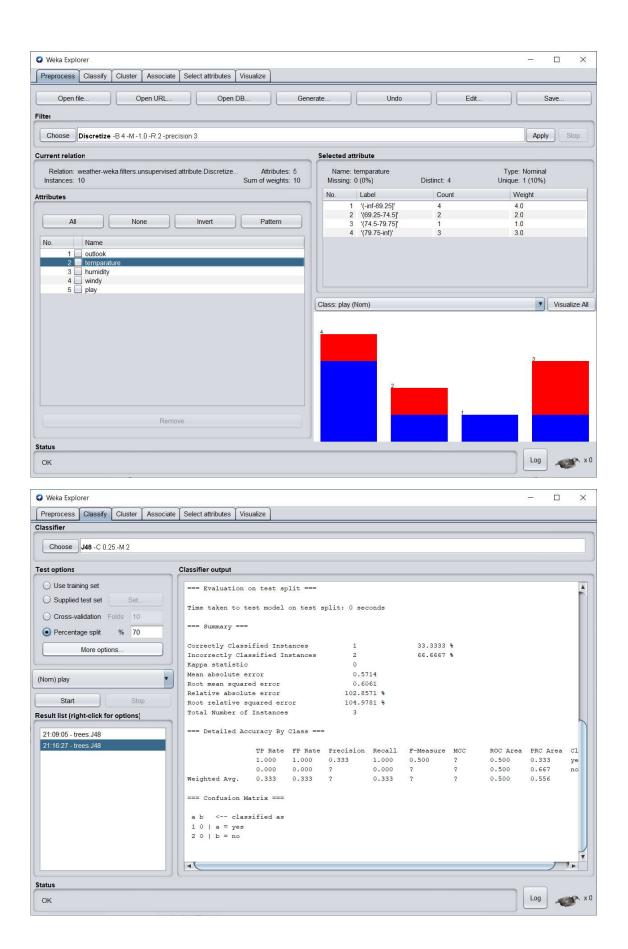
Before Discretization (no bins added):



Accuracy: 33.333%

After Discretization (4 bins added):



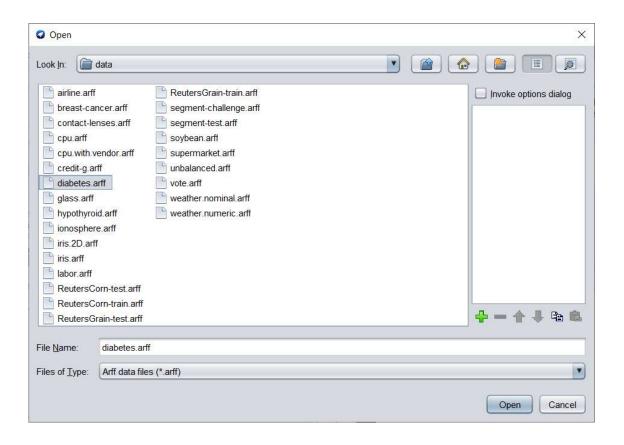


Accuracy: 33.333%

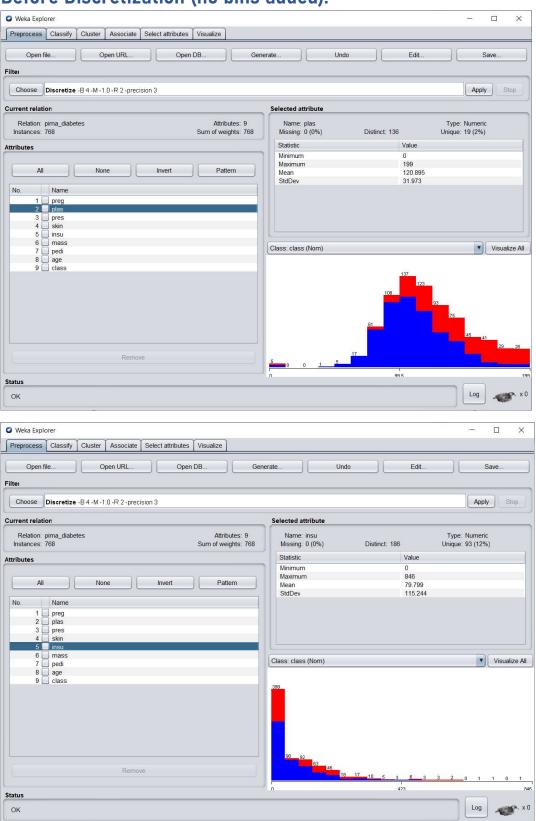
Accuracy varies when we change the split percentages.

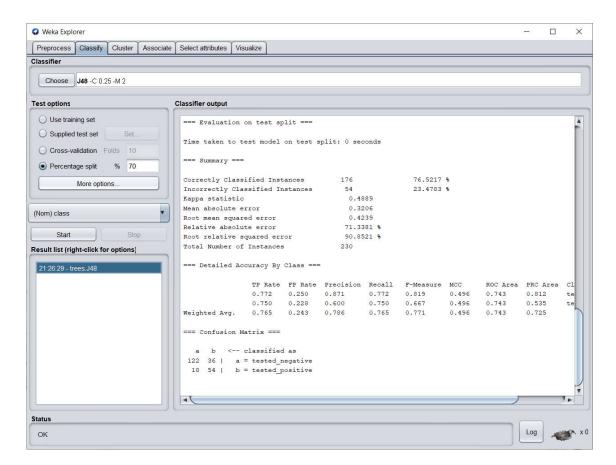
Split %	Before Discretization	After Discretization
70%	33.33%	33.33%
50%	40%	40%

1) Pima Diabetes Dataset:



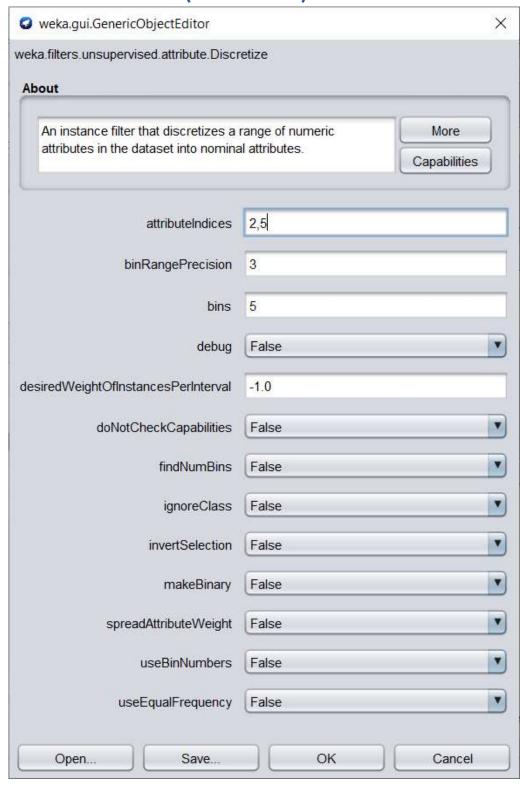
Before Discretization (no bins added):

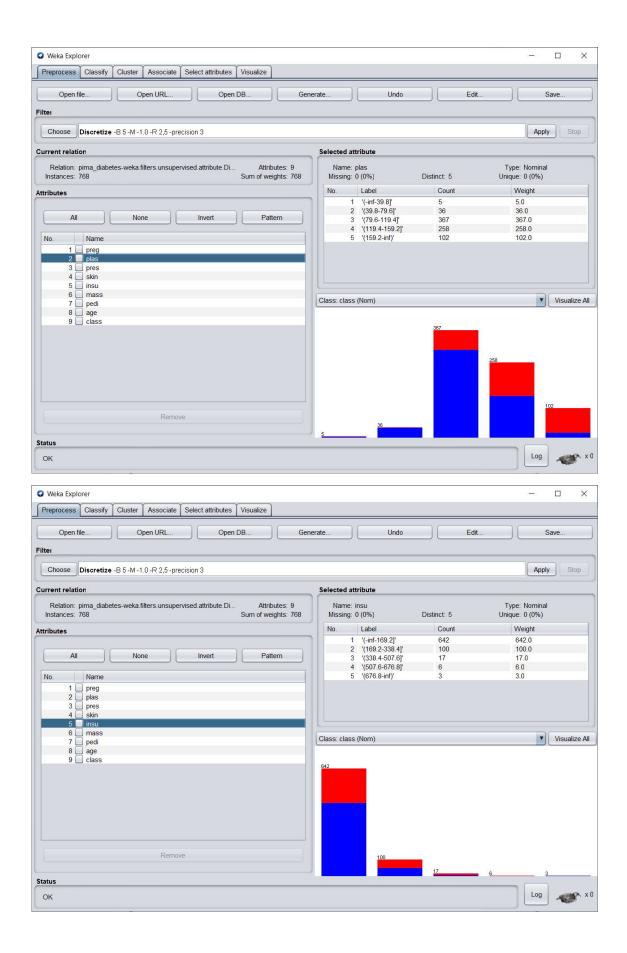


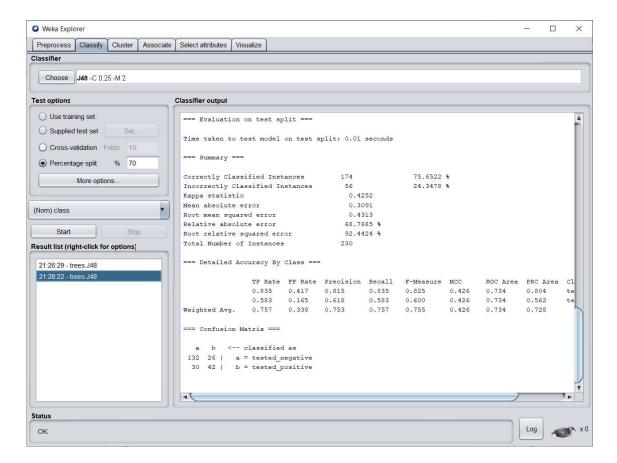


Accuracy: 76.52%

After Discretization (5 bins added):







Accuracy: 75.65%

Accuracy varies when we change the split percentages.

Split %	Before Discretization	After Discretization
70%	76.52%	75.65%
50%	74.21%	71.35%