



## UNIVERSITY

(Estd. u/s 3 of UGC Act 1956)

Vellore-632 014, Tamil Nadu, India. www.vit.ac.in

**S.THARUN** 

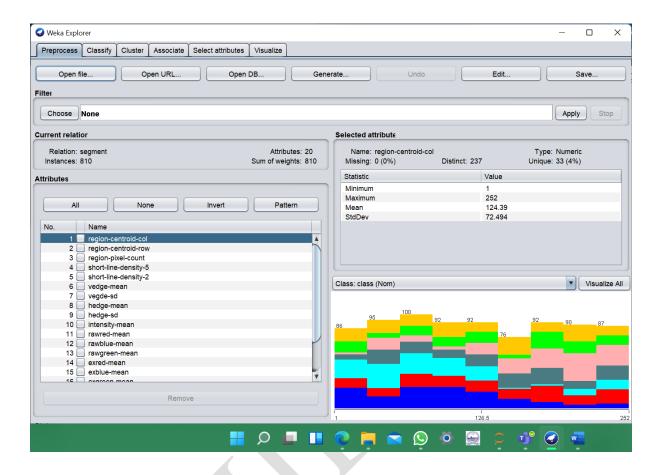
19MID0031

CSI3010 - DATA WAREHOUSING AND DATA MINING

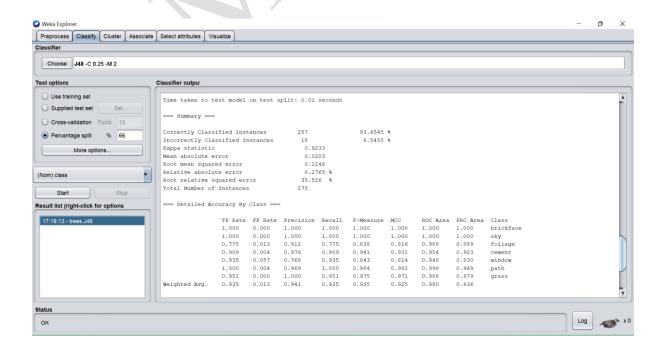
**FACULTY: CHELLATAMILAN T** 

PRE-PROCESSING TECHNIQUES USING WEKA- OUTLIERS

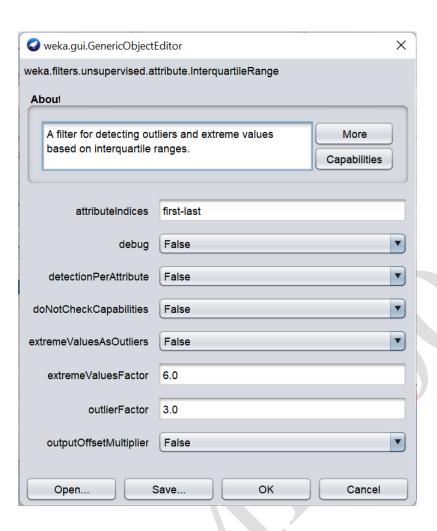
#### LOADING "SEGMENT-TEST" DATA

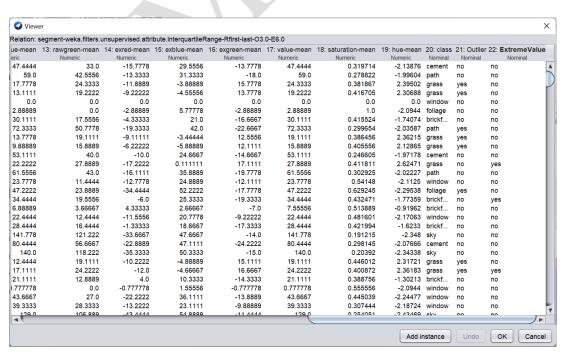


#### APPLYING J48 CLASSIFIER

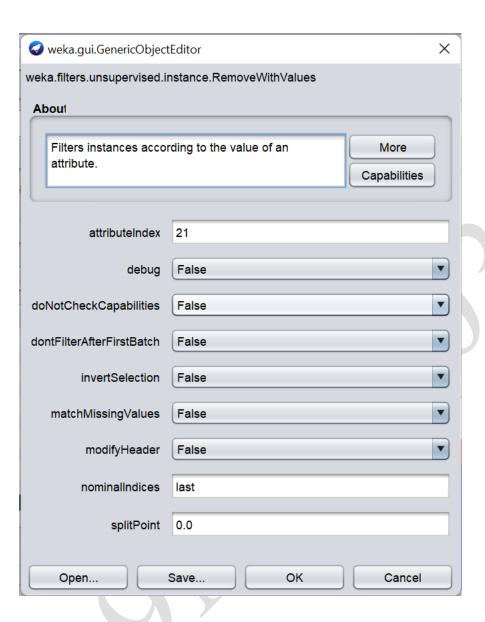


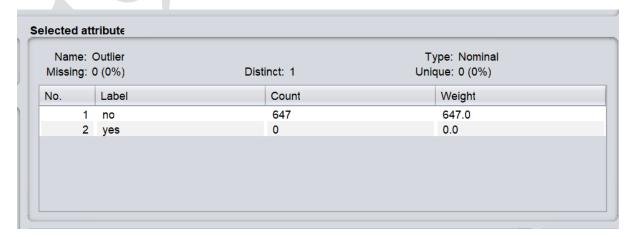
#### APPLYING INTERQUARTILERANGE FILTER



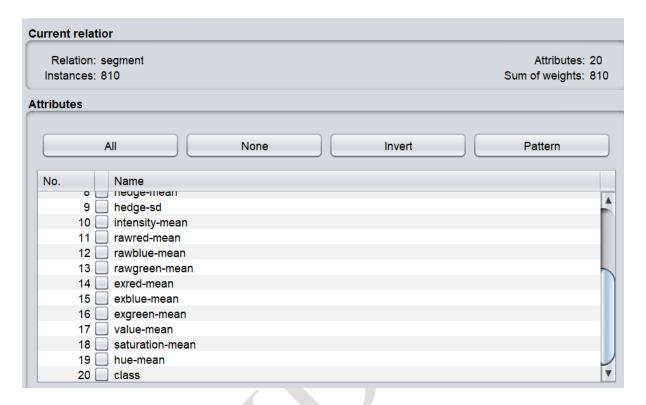


### REMOVING OUTLIERS USING "REMOVE WITH VALUES" FILTER

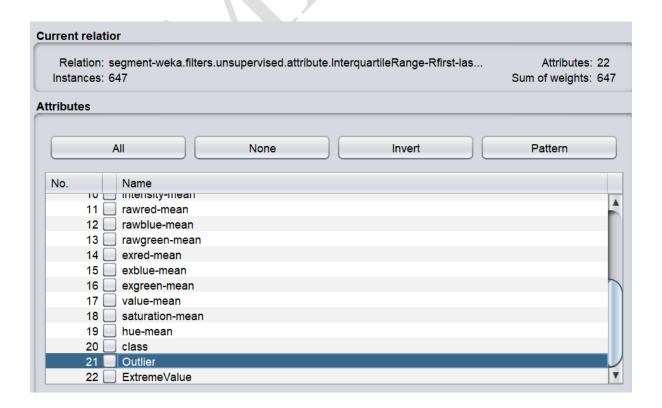




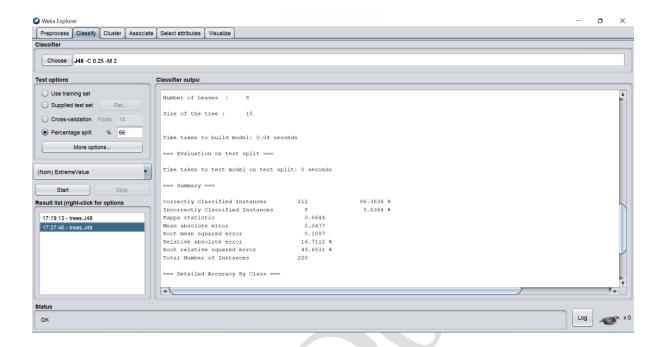
# BEFORE APPLYING INTERQUARTILE RANGE AND OUTLIER REMOVAL FILTERS



# AFTER APPLYING INTERQUARTILE RANGE AND OUTLIER REMOVAL FILTERS



### APPLYING J48 CLASSIFIER AFTER REMOVING OUTLIERS



Accuracy has improved from 93.45% to 96.36% after outlier removal