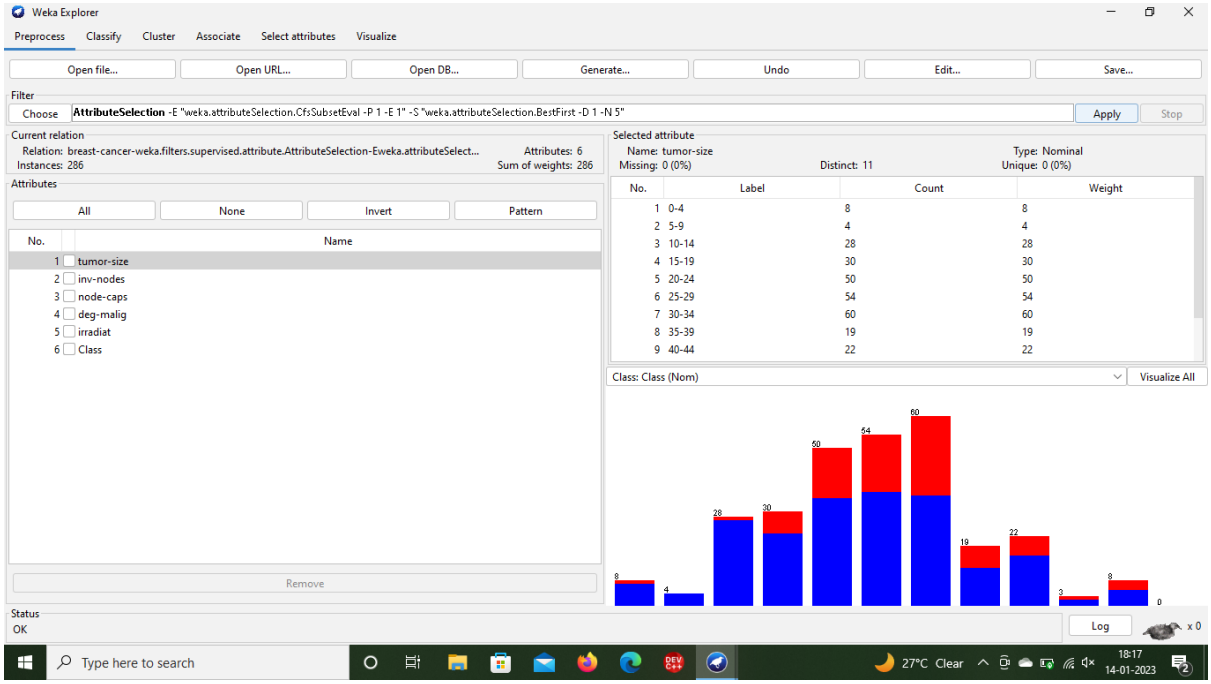
CSA1668-DATAWAREHOUSING AND DATA MINING

P.PRANAVI

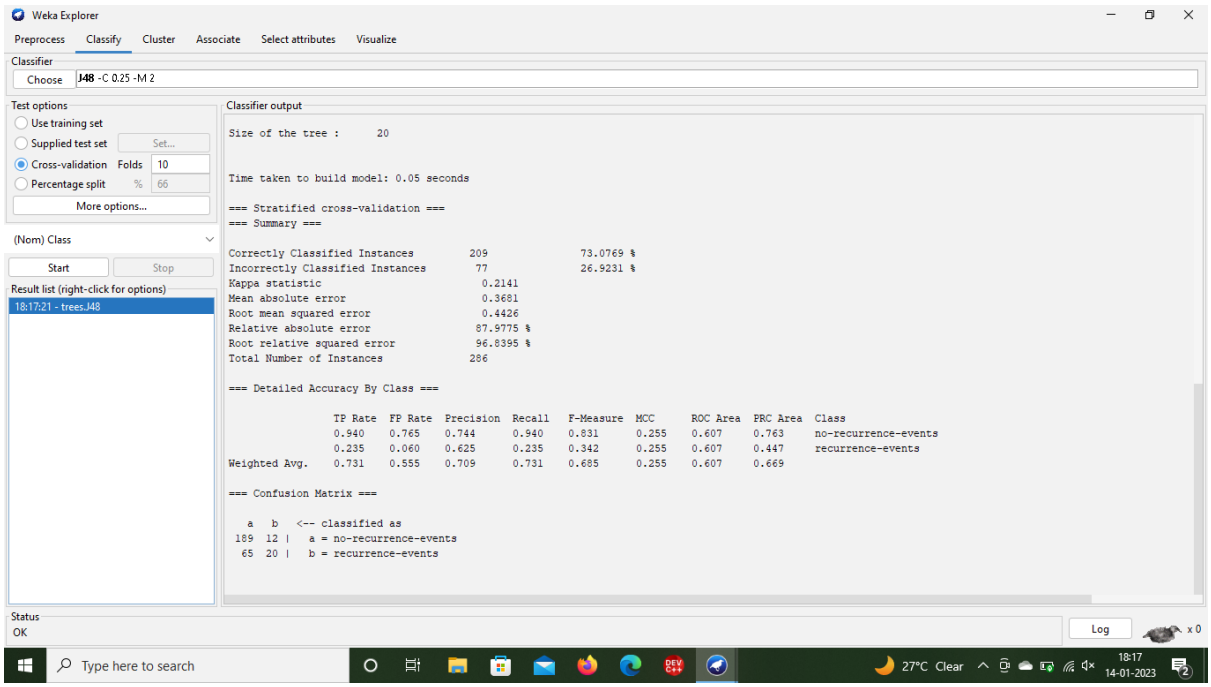
192110530

WEKA TOOL FOR BREAST CANCER

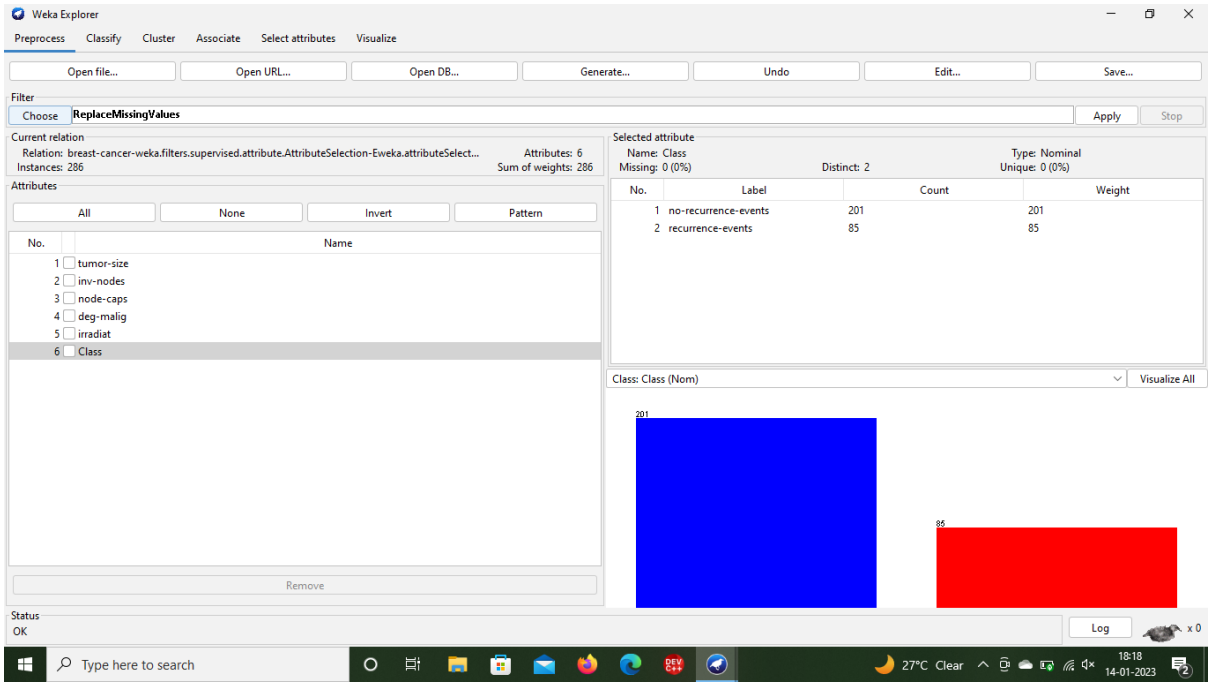
(a)DATA PREPROCESSING



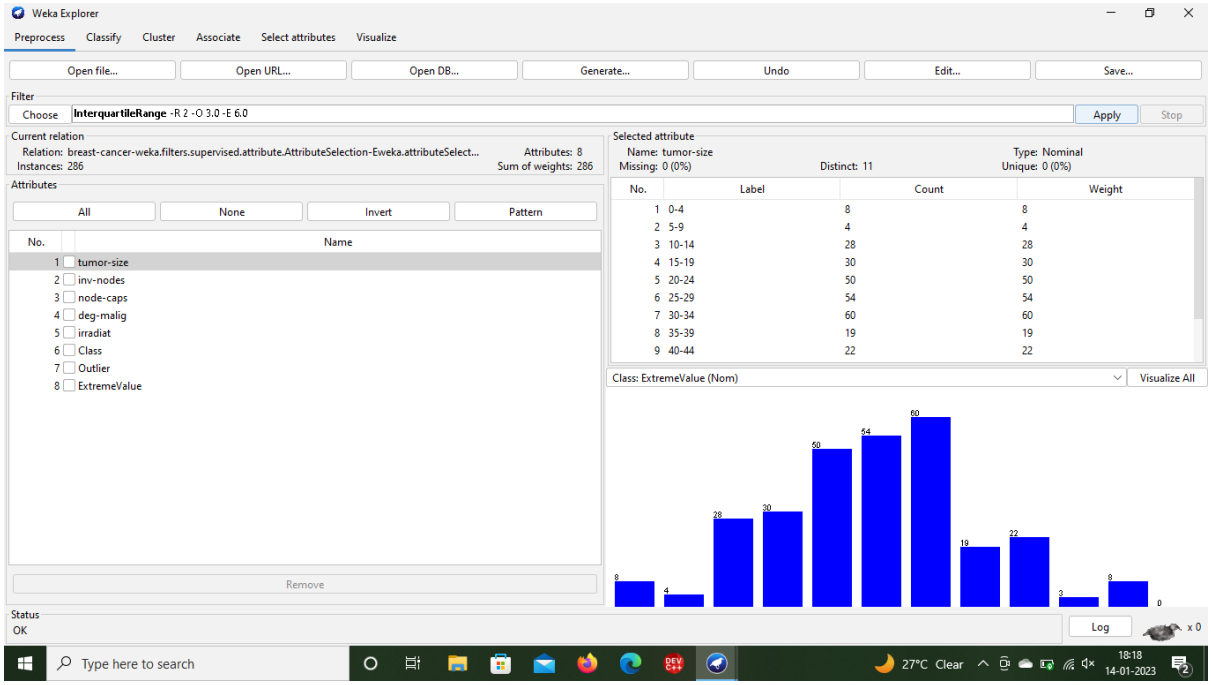
J48 CLASSIFIER:



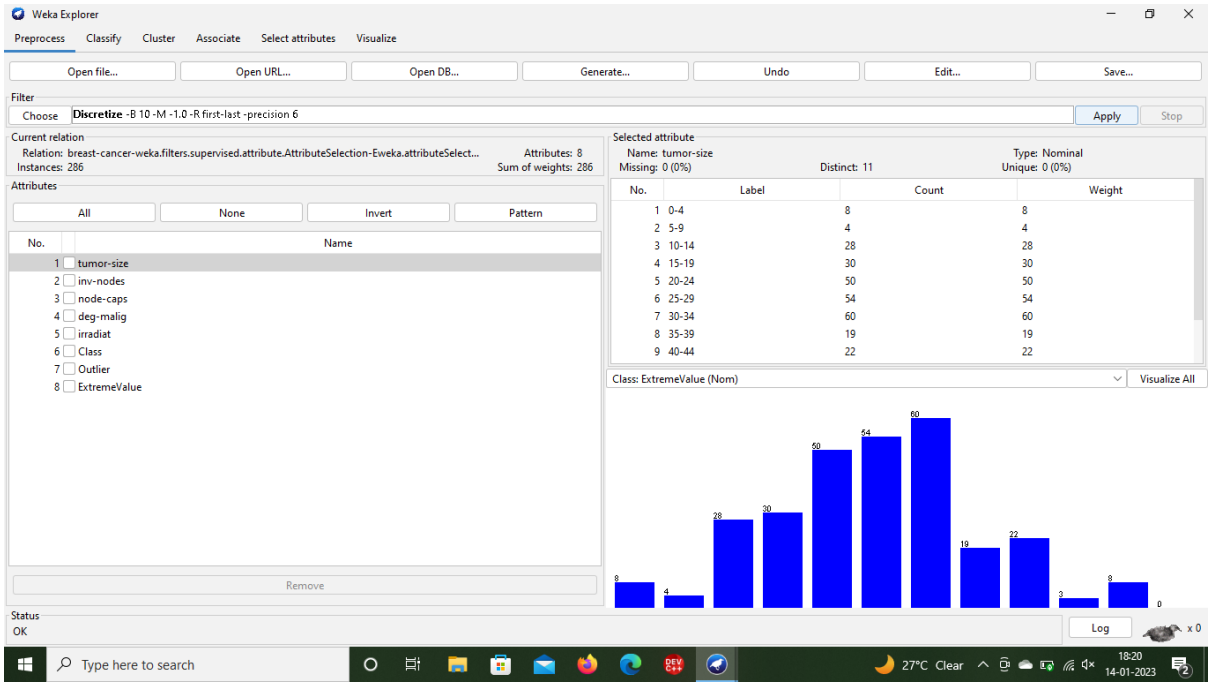
REPLACE THE MISSING VALUES:



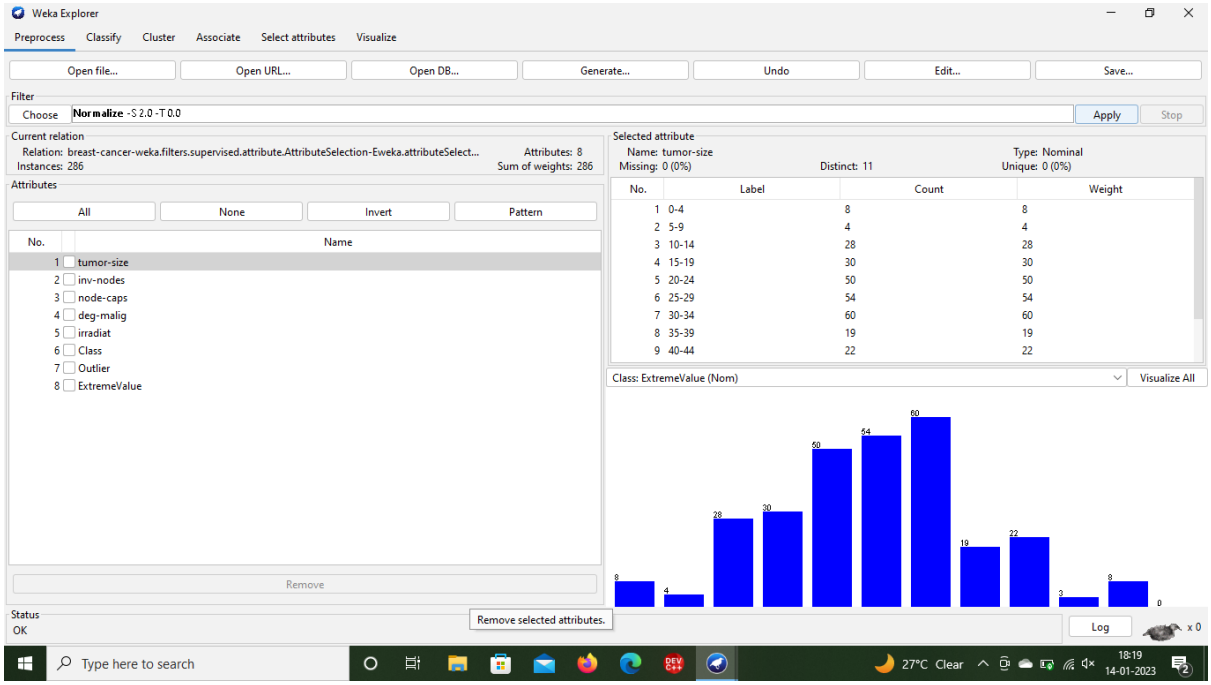
INTERQUARTILE RANGE



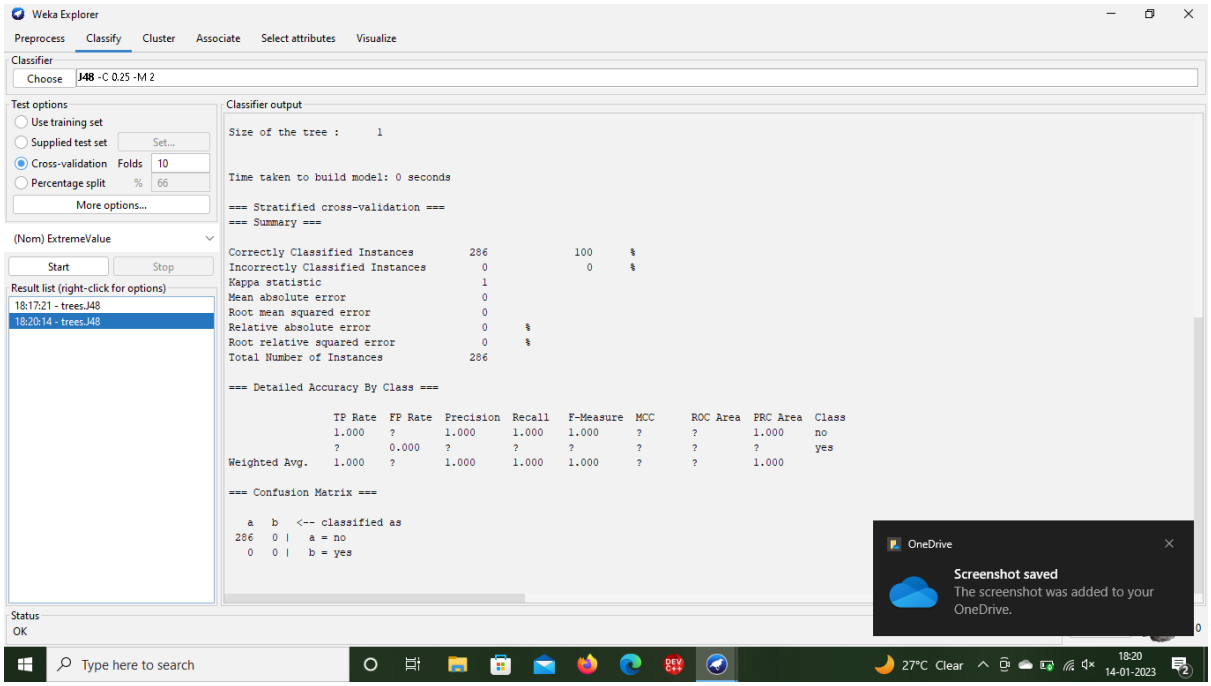
DISCRETIZE



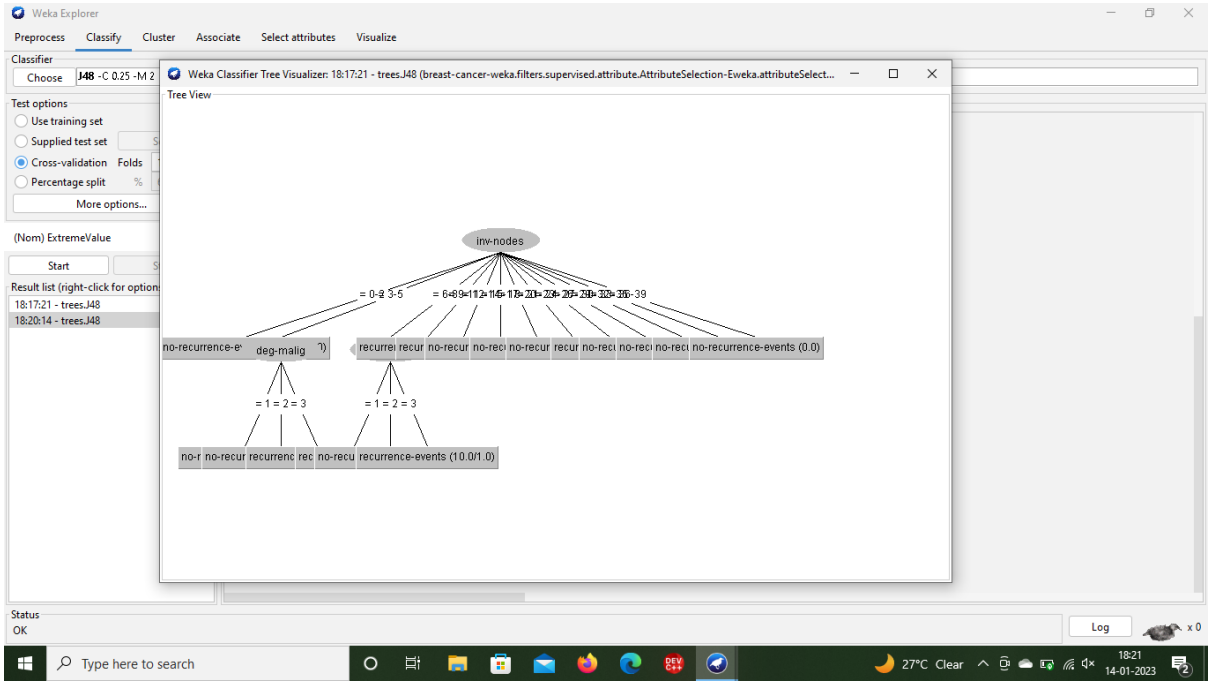
NORMALIZE



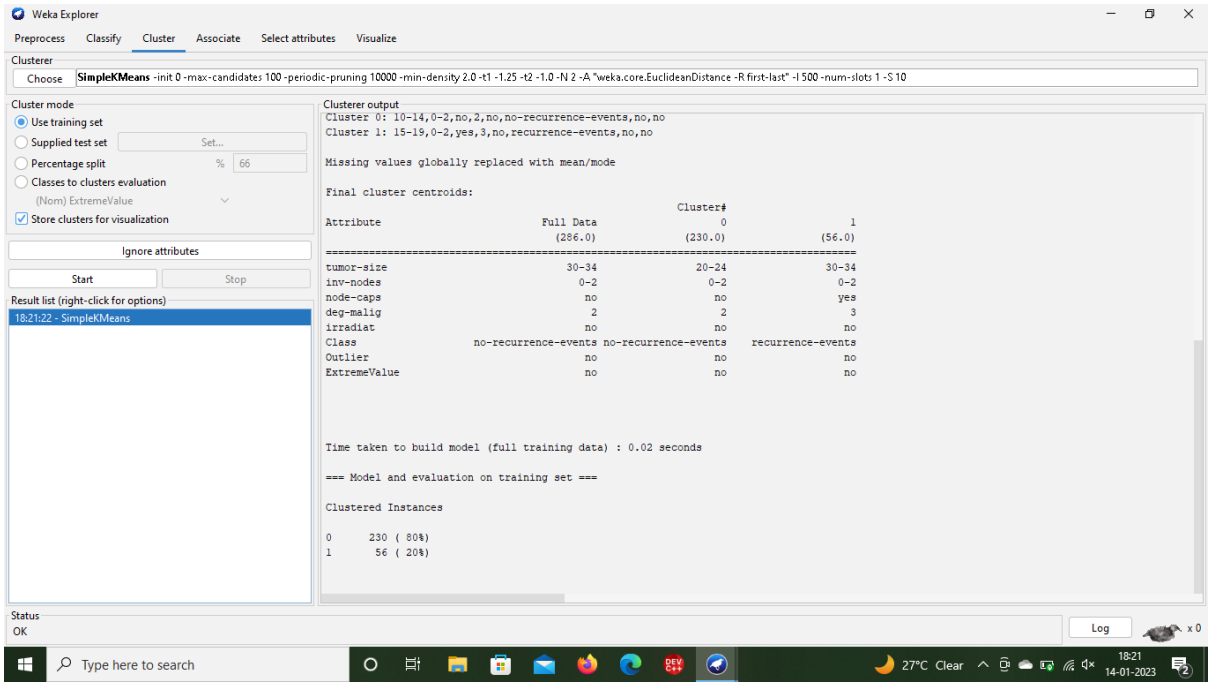
DATA CLASSIFICATION



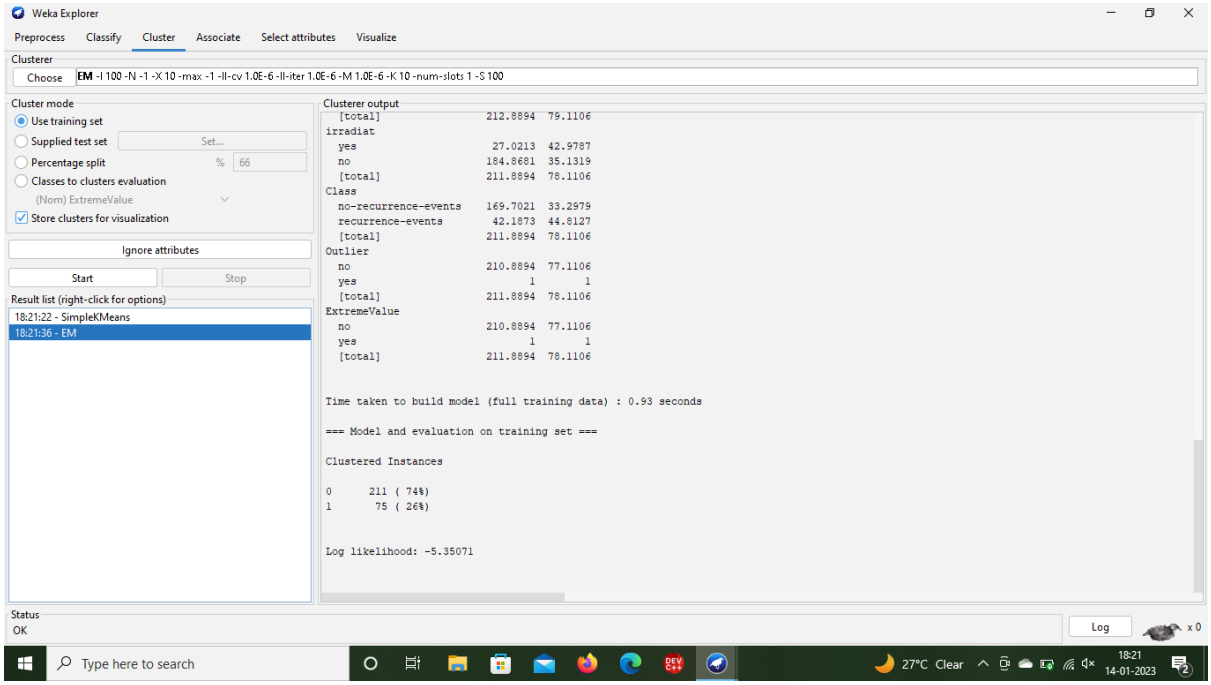
TREE CLASSIFIER



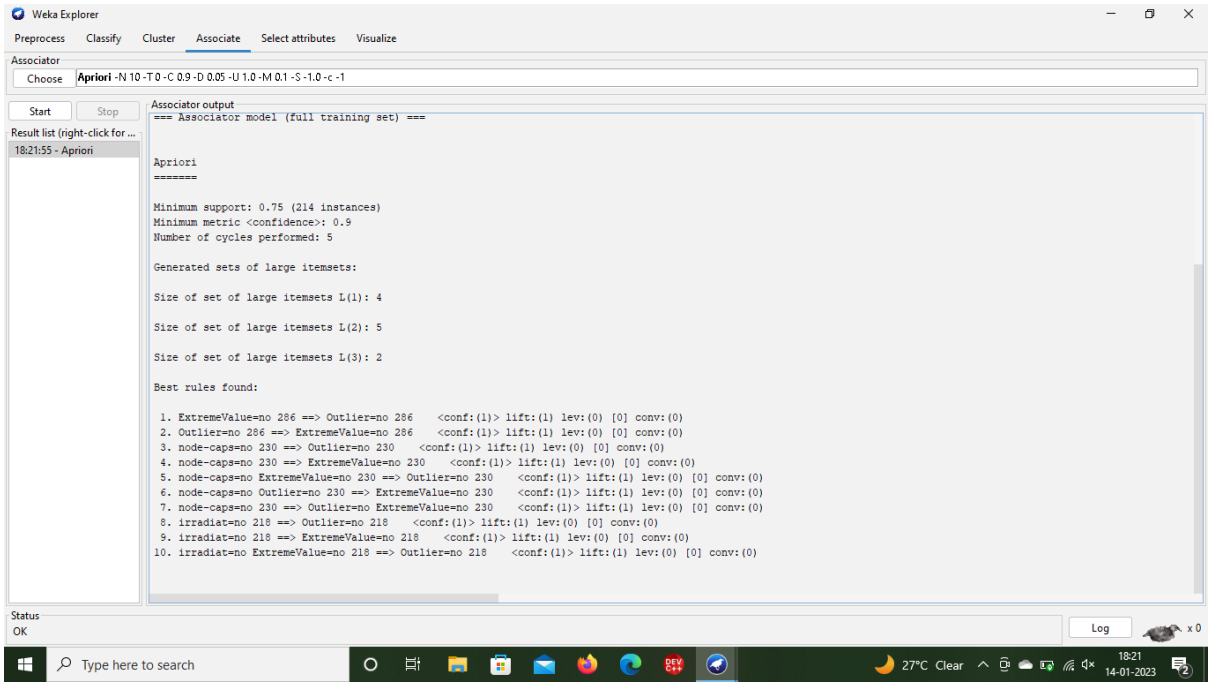
KMEANS CLUSTERING:



EM:



ASSOCIATE:


Weka Explorer
Preprocess
Classify
Cluster
Associate
Select attributes
Visualize
Associator
Choose
Apriori -N 10 -T 0 -C 0.9 -D 0.05 -U 1.0 -M 0.1 -S -1.0 -c -1
Start
Stop
Result list (right-click for ...
18:21:55 - Apriori
Associator output
=== Associator model (full training set) ===
Apriori
=======
Minimum support: 0.75 (214 instances)
Minimum metric <confidence>: 0.9
Number of cycles performed: 5
Generated sets of large itemsets:
Size of set of large itemsets L(1): 4
Size of set of large itemsets L(2): 5
Size of set of large itemsets L(3): 2
Best rules found:
1. ExtremeValue=no 286 ==> Outlier=no 286 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
2. Outlier=no 286 ==> ExtremeValue=no 286 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
3. node-caps=no 230 ==> Outlier=no 230 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
4. node-caps=no 230 ==> ExtremeValue=no 230 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
5. node-caps=no ExtremeValue=no 230 ==> Outlier=no 230 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
6. node-caps=no Outlier=no 230 ==> ExtremeValue=no 230 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
7. node-caps=no 230 ==> Outlier=no ExtremeValue=no 230 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
8. irradiat=no 218 ==> Outlier=no 218 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
9. irradiat=no 218 ==> ExtremeValue=no 218 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
10. irradiat=no ExtremeValue=no 218 ==> Outlier=no 218 <conf:(1)> lift:(1) lev:(0) [0] conv:(0)
Status
OK
Log
x 0
Type here to search
27°C Clear
18:21
14-01-2023