Date:15/09/22

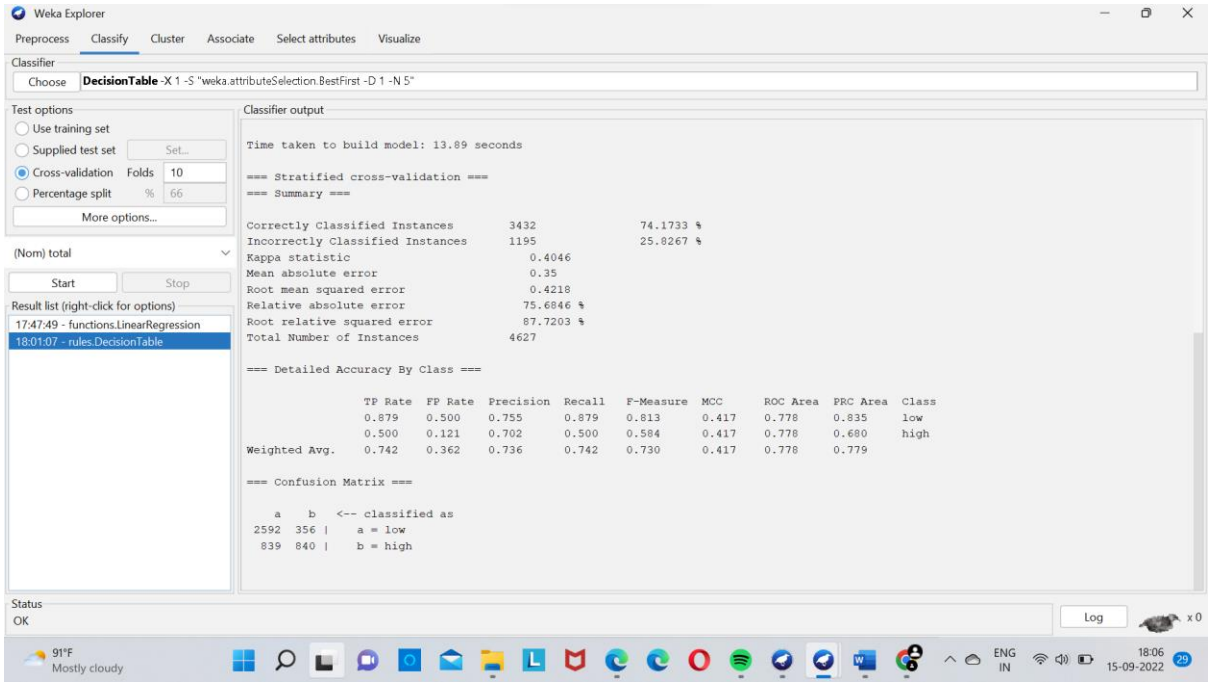
Course name:-Data warehousing and Data mining for medical applications

Course code:-CSA1654

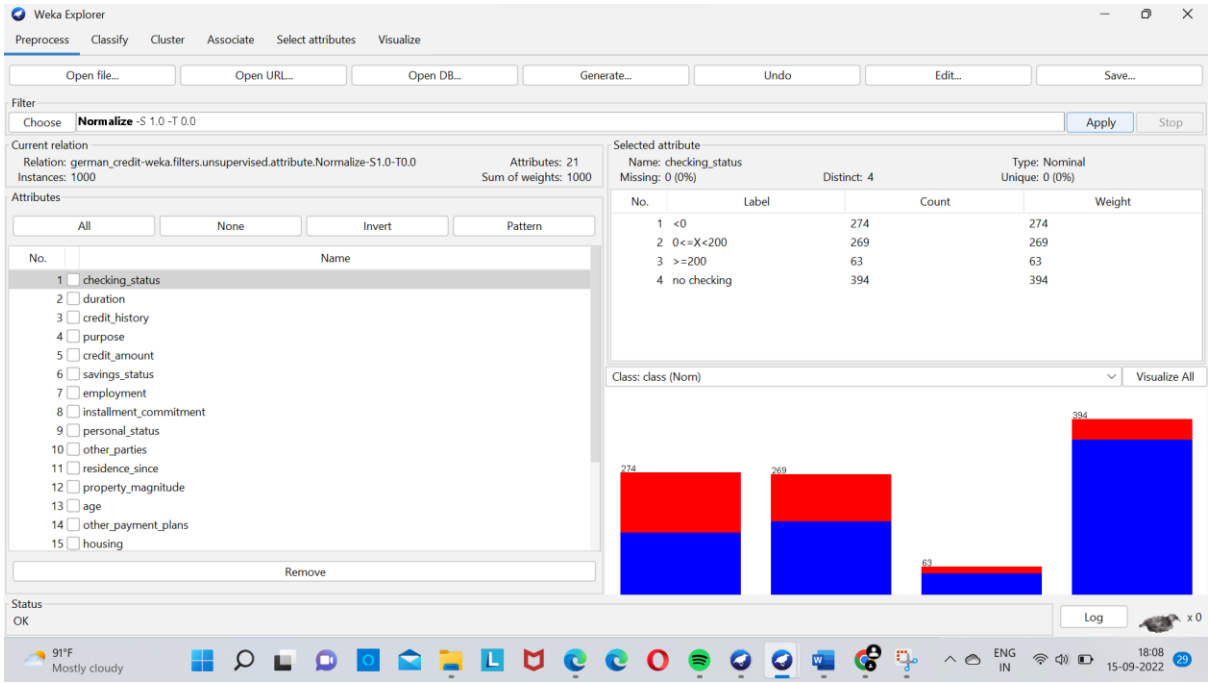
Name of the student:-Ch.Indhu Priya

REG NO:-192111191

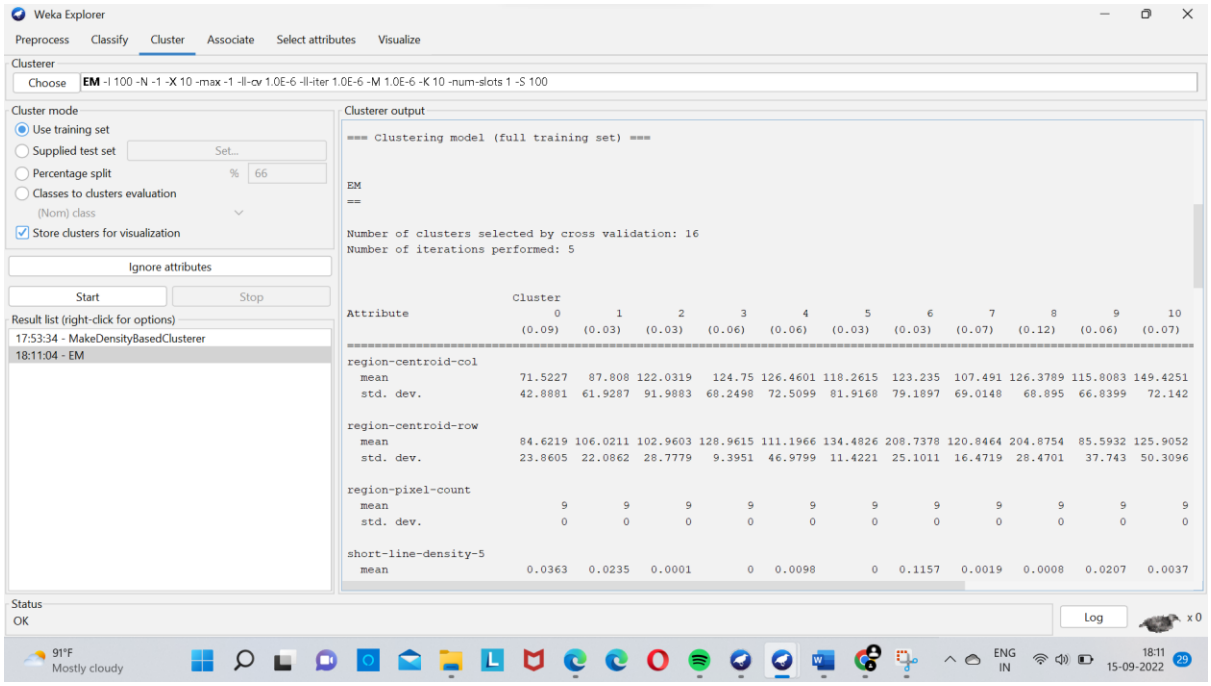
EXPERIMENT:23



EXPERIMENT:24



EXPERIMENT:25


Weka Explorer
Preprocess
Classify
Cluster
Associate
Select attributes
Visualize
Clusterer
Choose
EM -I 100 -N -1 -X 10 -max -1 -ll-cv 1.0E-6 -ll-iter 1.0E-6 -M 1.0E-6 -K 10 -num-slots 1 -S 100
Cluster mode
Use training set
Supplied test set
Set...
Percentage split
%
66
Classes to clusters evaluation
(Nom) class
Store clusters for visualization
Ignore attributes
Start
Stop
Result list (right-click for options)
17:53:34 - MakeDensityBasedClusterer
18:11:04 - EM
Clusterer output
=== Clustering model (full training set) ===
EM
==
Number of clusters selected by cross validation: 16
Number of iterations performed: 5
Attribute
Cluster
0 (0.09)
1 (0.03)
2 (0.03)
3 (0.06)
4 (0.06)
5 (0.03)
6 (0.03)
7 (0.07)
8 (0.12)
9 (0.06)
10 (0.07)
region-centroid-col
mean 71.5227 87.808 122.0319 124.75 126.4601 118.2615 123.235 107.491 126.3789 115.8083 149.4251
std. dev. 42.8881 61.9287 91.9883 68.2498 72.5099 81.9168 79.1897 69.0148 68.895 66.8399 72.142
region-centroid-row
mean 84.6219 106.0211 102.9603 128.9615 111.1966 134.4826 208.7378 120.8464 204.8754 85.5932 125.9052
std. dev. 23.8605 22.0862 28.7779 9.3951 46.9799 11.4221 25.1011 16.4719 28.4701 37.743 50.3096
region-pixel-count
mean 9 9 9 9 9 9 9 9 9 9 9
std. dev. 0 0 0 0 0 0 0 0 0 0 0
short-line-density-5
mean 0.0363 0.0235 0.0001 0 0.0098 0 0.1157 0.0019 0.0008 0.0207 0.0037
Status
OK
Log
x 0
91°F
Mostly cloudy
ENG
IN
18:11
15-09-2022
29