

EXPERIMENT -5

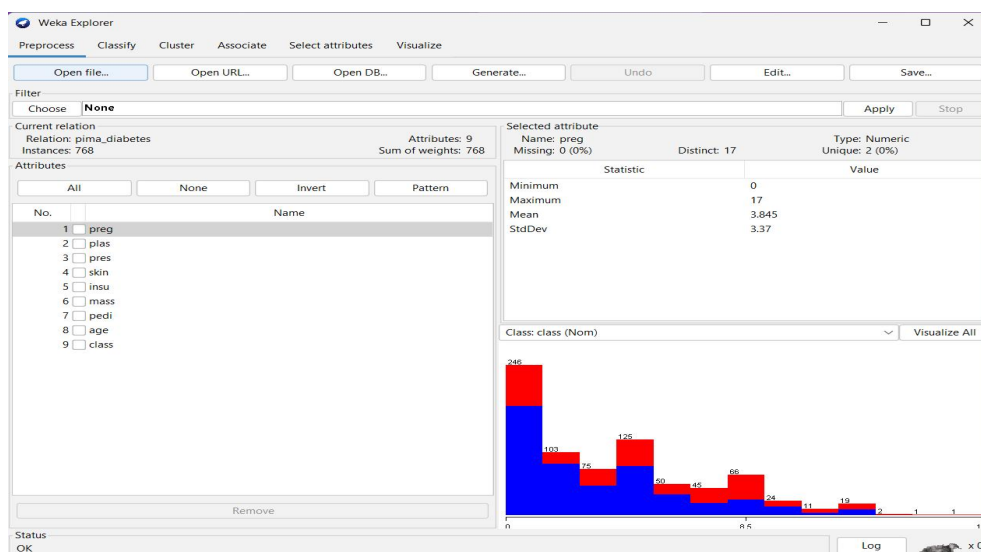
DATA PREPROCESSING AND ANALYSIS FOR DATASET USING WEKA

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Subject: CSA1672, Data warehouse and data mining

OUTPUT:



Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Clusterer

ChooseEM-H 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

Percentage split

Classes to clusters evaluation

Set...

% 66

(None) class

Store clusters for visualization

Ignore attributes

StartStop

Result list (right-click for options)

18:1647 - EM

18:1931 - EM

Clusterer output

insu

mean173.81671.0390

std. dev.145.66862.70510.0008

masa

mean34.605229.45831.9674

std. dev.7.65358.11577.0137

pedi

mean0.6420.40230.3789

std. dev.0.43420.22570.2266

age

mean36.665623.959338.9112

std. dev.10.70882.589712.6593

class

tested_negative108.1531236.1879158.619

tested_positive142.643419.676108.6807

[total]250.8365255.8639267.2997

Time taken to build model (full training data) : 0.63 seconds

=== Model and evaluation on training set ===

Clustered Instances

0228 (30%)

1203 (26%)

2337 (44%)

Log likelihood: -24.97229

Status

OK

Log

x 0