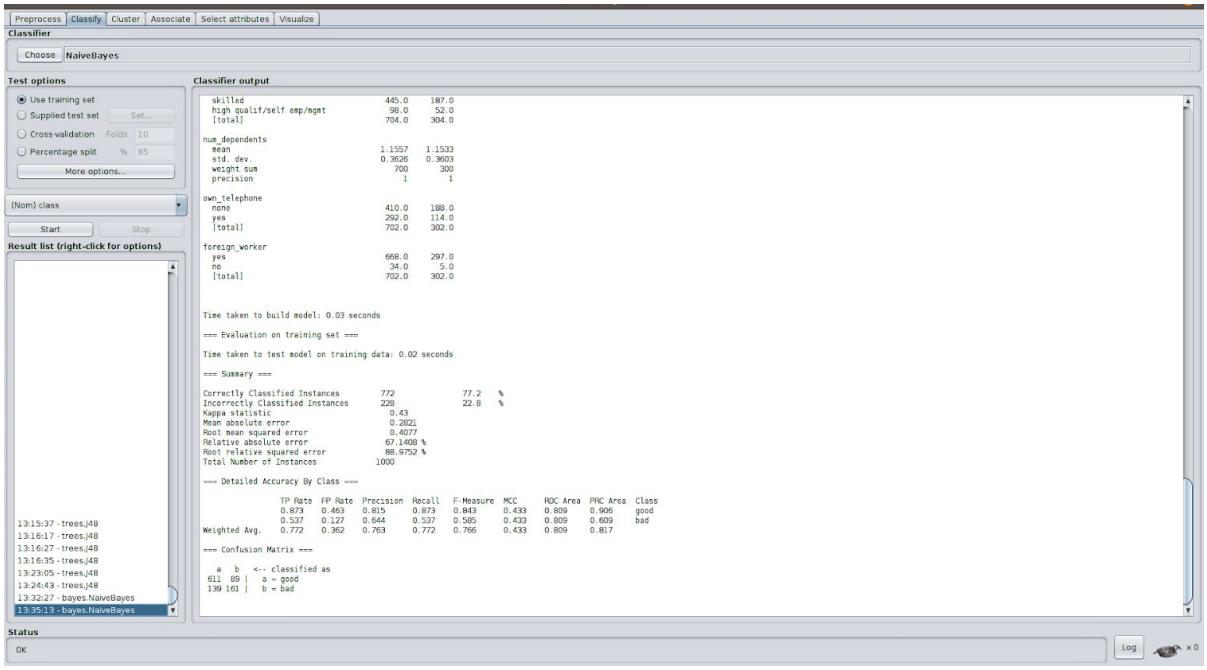
Exploring German Credit Dataset Using Naive Bayes Classifier

1) The class attribute is classified using naive bayes by the following steps :
    a) Open weka and load the german credit dataset
    b) Select class attribute and click on the classify button
    c) Select training set option and then naive bayes classifier
    d) Click on the start button to get classifier output



2) Time taken to build the model : 0.03 sec.

    Default percentage split : 66%

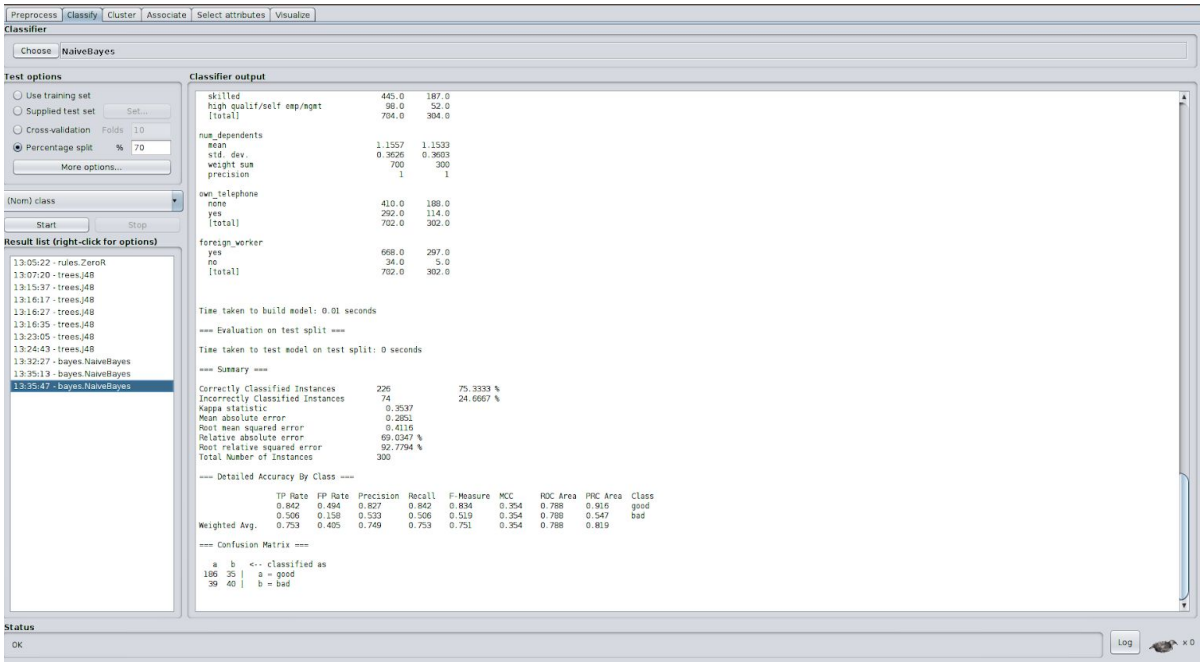
    Default cross validation folds : 10

    Accuracy : 77.2%.

3) Percentage split : 70%

Default cross validation folds : 10

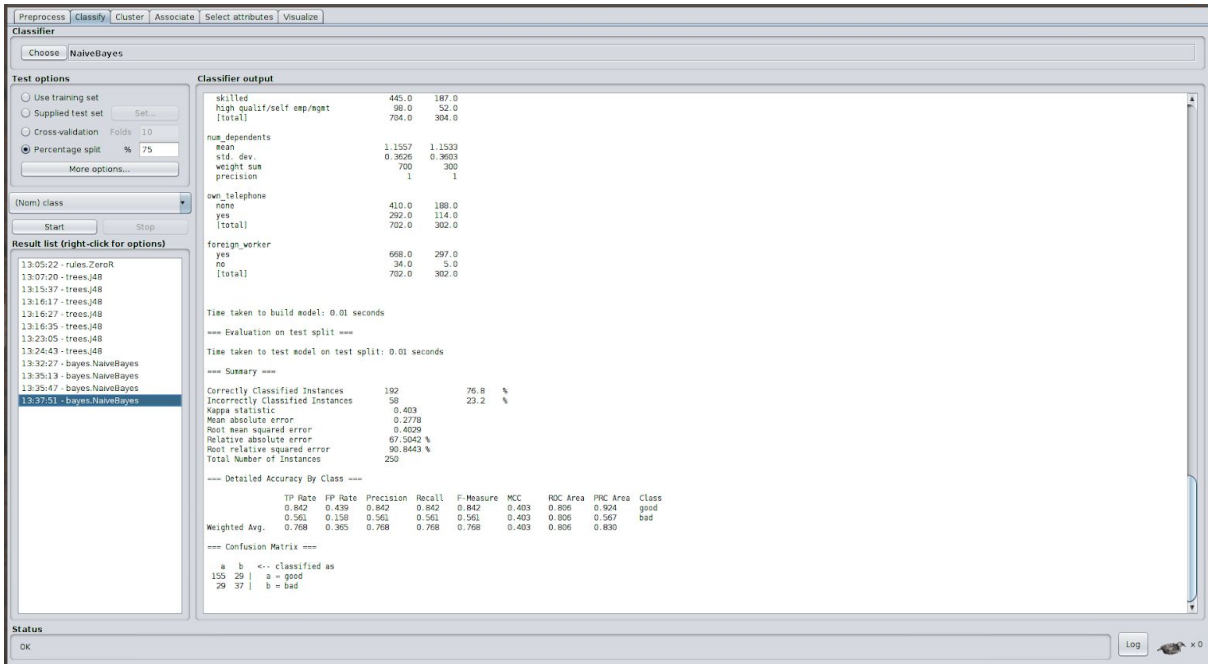
Accuracy : 75.33



4) Percentage split : 75%

Default cross validation folds : 10

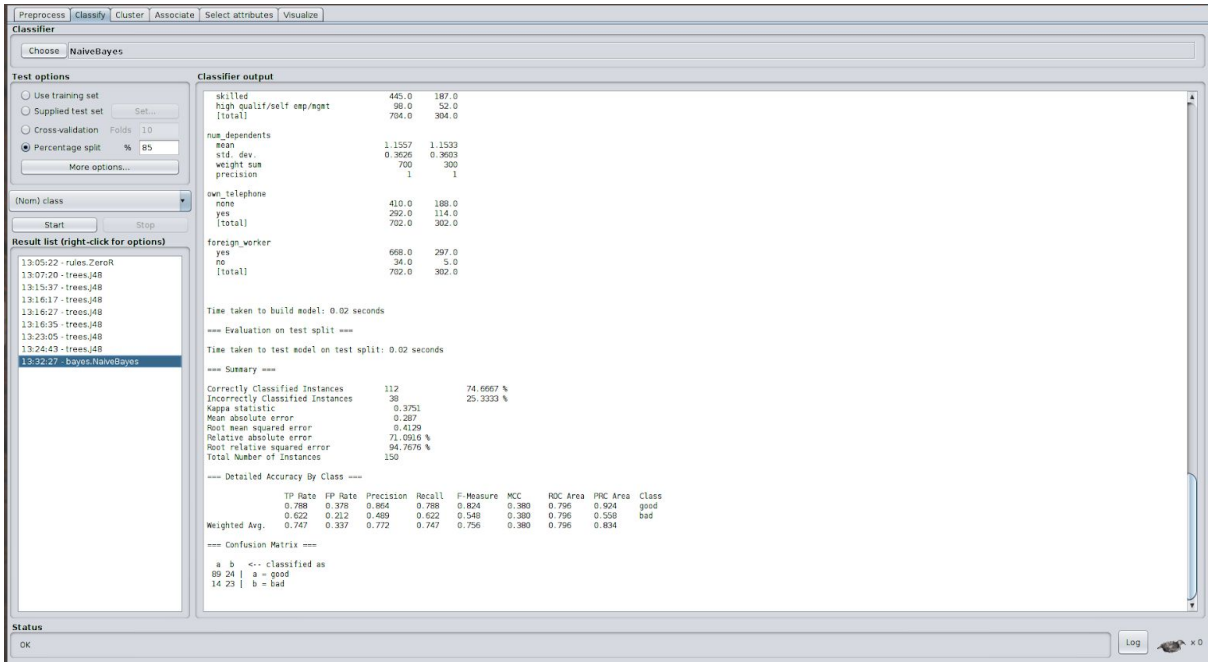
Accuracy : 76.8%



5) Percentage split : 85%

   Default cross validation folds : 10

   Accuracy : 74.66%



6) After trying out multiple combinations of percentage split and cross validation it is observed that the best accuracy i.e 77.2%.