

Date:13/09/22

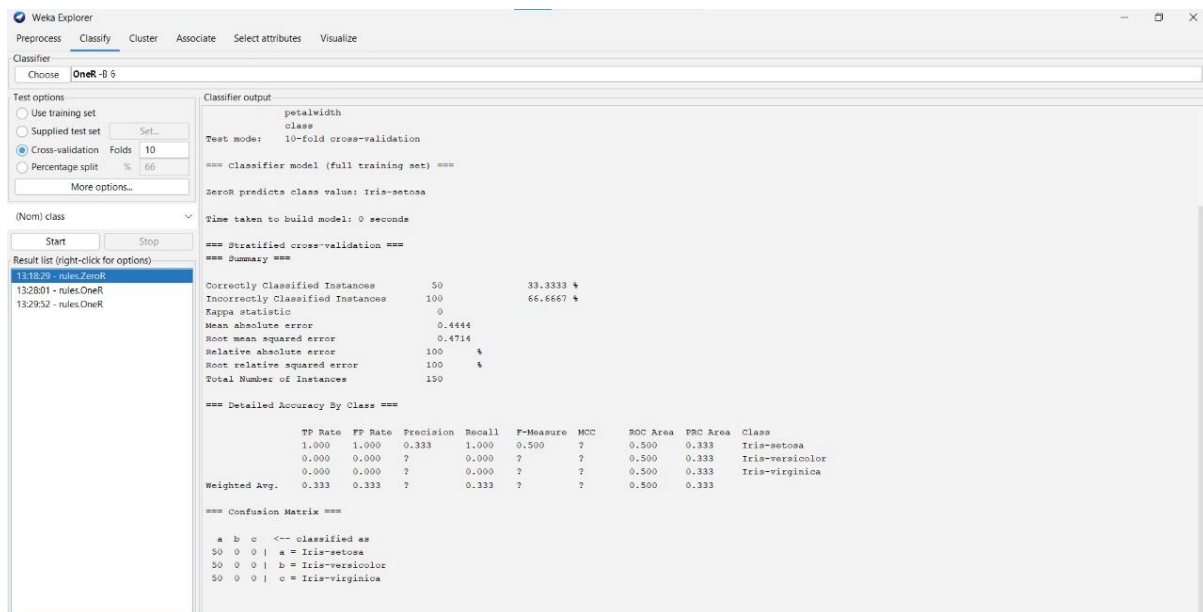
Course name:-Data warehousing and Data mining for medical applications

Course code:-CSA1654

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REG NO:-192111191

EXPERIMENT:12



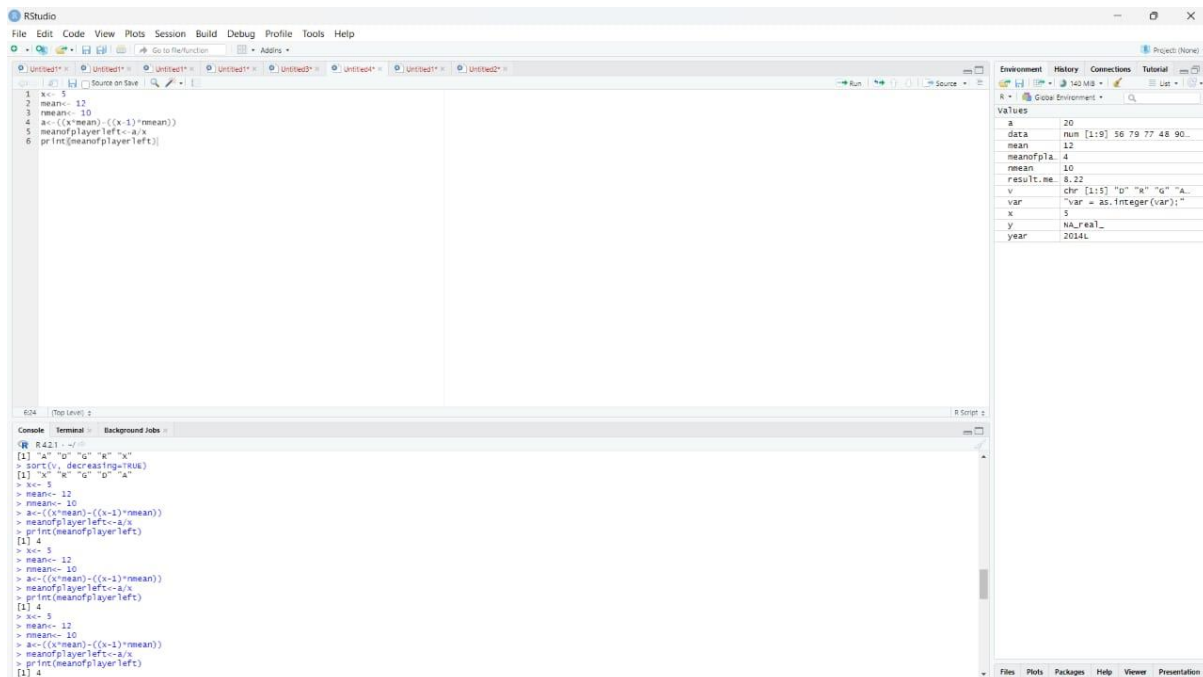
The screenshot shows the Weka Explorer interface with the OneR classifier selected. The test options are set to 10-fold cross-validation. The classifier output shows the following results:

```
petalwidth
class
Test mode: 10-fold cross-validation
=== Classifier model (full training set) ===
ZeroR predicts class value: Iris-setosa
Time taken to build model: 0 seconds
=== Stratified cross-validation ===
=== Summary ===
Correctly Classified Instances      50      33.3333 %
Incorrectly Classified Instances    100      66.6667 %
Kappa statistic                    0
Mean absolute error                0.4444
Root mean squared error            0.4714
Relative absolute error            100 %
Root relative squared error        100 %
Total Number of Instances         150

=== Detailed Accuracy By Class ===
          TP Rate  FP Rate  Precision  Recall  F-Measure  MCC  ROC Area  PRC Area  Class
          1.000    1.000    0.333    1.000    0.500    ?    0.500    0.333    Iris-setosa
          0.000    0.000    ?        0.000    ?        ?    0.500    0.333    Iris-versicolour
          0.000    0.000    ?        0.000    ?        ?    0.500    0.333    Iris-virginica
Weighted Avg.    0.333    0.333    ?        0.333    ?        ?    0.500    0.333

=== Confusion Matrix ===
  a b c <-- classified as
50 0 0 | a = Iris-setosa
50 0 0 | b = Iris-versicolour
50 0 0 | c = Iris-virginica
```

EXPERIMENT:13



The screenshot shows the RStudio interface with the following R code in the script editor:

```
1 x<- 5
2 mean<- 12
3 rmean<- 10
4 a<- ((x*mean)-((x-1)*rmean))
5 meanofplayerleft<-a/x
6 print(meanofplayerleft)
```

The console output shows the following results:

```
[1] 4
[1] 4
[1] 4
[1] 4
[1] 4
[1] 4
[1] 4
[1] 4
[1] 4
[1] 4
```

The Environment pane shows the following variables:

Variable	Value
a	20
data	num [1:9] 56 79 77 48 90...
mean	12
meanofpla	4
rmean	10
result.me	8.22
v	chr [1:5] "p" "m" "g" "A"
var	"var" = as.integer(var);"
x	5
y	NA_real_
year	2014

EXPERIMENT:14

