

Roll No: FA22-RCS-012_Assignment02

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Report

These are my results when I input different attributes in arff file and ran J48 classifier on it using WEKA tool:

=== Run information ===

Scheme: weka.classifiers.trees.J48 -C 0.25 -M 2

Relation: names

Instances: 100

Attributes: 6

names

gender

even or odd

starting from vowel

positive or negative

output from positive negative

Test mode: 10-fold cross-validation

=== Classifier model (full training set) ===

J48 pruned tree

Positive or negative = +: 1 (50.0)

=== Confusion Matrix ===

a b <-- classified as

50 0 | a = 0

0 50 | b = 1

3. Write a paragraph about your experience of working with the standard ML pipeline in your own words:

My experience with the standard ML pipeline was very constructive and it gave me hands on experience about how we can use many different attributes to map on outputs so we can apply machine learning algorithms on the given dataset.

100% correctly classified instances were achieved.