Dim: Demonstrate zeroR technique on visis dataset.

This is an open access flower-based dataset is normally available on ucI dataset. The major objective of this vesear, work is to examine the ibs data wing data mining techniq available supported in weka. In this work, four different classifier, viz Bayes, Network damifier, Tub, Random forest and oner has been successfully used to classify attributes the dataset:

Zerors

- -> ZeroRis the simplest classification which relies on the largest and ignores all predictors.
- > ZeroR classifier simply predicts the majority Category.

 > Although there is no predictability power in zeroR it is

 Useful for determining a baseline performance as a benchy
 for other classification methods.

Ins Dataset: (2 x) amovair landing

The Tris flower dataset is a famous dataset from Statistics and is heavily borrowed by vestarches in Machine lealning. It contains 150 instances and 4 attributes and a class attribute for the species of inis flower.

is a popular suite of machine learning software written in java, developed at the university of waikota, new realand Public license.

preprocess tab:

It is first step in machine leaening is to preprocess the data. It is used to select the data fites, preprocess it and make it fit for applying the valious machine leavning algorithms.

Loading Data=The first foul buildons at the top of the preprocess section anable you to load dala into weka.

Jopen file: Brings up a dialog box allowing you to browse for the data file on the local file system.

2 open URI. -. Asks for a uniform Resource located address for where

the data is stored.

→open 08...Reads data from a database.

-> Generate -- Enables you to generate artificial data from Voliety of data generators using the open files... button you can readfiles in a valiety of formats-wekn's ARFF format, CSV format, C4-5 format-

classify: The clarify tab provide you several machine learning algorithms for the classification of your data-such as linear

regression, logistic regression.

Test options:

Before you run the classification algorithm, you need to set test options. Set test options in the Test options box the test options that available are:

1. Use training set: Evaluates the classified on house we it Prodicts the class at the instances it was trained on.

2. Supplied test set = Evaluates the classifier on how we'll it predicts the class of a set of instances loaded from a file. clicking on the set-button brings up a dialog allowing you to choose the file to test on.

3.cross validation: Evaluates the classified by cross-validate using the number of folds that are entered in the folds' tell field.

4. Percentage split: Evaluates the classifier on how well it predicts a certain percentage of the data, which is held cut for testing. The amount of data held out depends on the value enled in the '1.' field.

Stops Required:

1. open WEKA tool-

2-click on wEKA explorer.

3-click on the preprocess, and click on open file.

4-open collive, then clickon open hile, then select WEKA 3-9-6

5-select data file.

6-select ivis dataset-

7. You can see the Jaciance of the geaph.

8. click on the classifiel, then zorok

9- And set cross Validation fold as 10.

10-click on submit-

Outputi

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