

Assignment: Pre-Processing techniques using Weka

Real world databases are highly influenced to noise, missing and inconsistency due to their queue size so the data can be pre-processed to improve the quality of data and missing results and it also improves the efficiency.

- 1) Open Start ->Programs -> Accessories ->Notepad**
- 2) Type the following training data set with the help of Notepad for Weather Table.**
- 3)Apply the Discretization**
- 4) Compare the J48 Classification accuracy before and after discretization**

@relation weather

@attribute outlook {sunny,rainy,overcast}

@attribute temprature numeric

@attribute humidity numeric

@attribute windy {true,false}

@attribute play {yes,no}

@data

sunny,85.0,85.0,false,no

overcast,80.0,90.0,true,no

sunny,83.0,86.0,false,yes

rainy,70.0,86.0,false,yes

rainy,68.0,80.0,false,yes

rainy,65.0,70.0,true,no

overcast,64.0,65.0,false,yes

sunny,72.0,95.0,true,no

sunny,69.0,70.0,false,yes

rainy,75.0,80.0,false,yes