## **EX**: 5 Generating association rules using fp-growth algorithm

## Procedure:

Step1: Open the data file in Weka Explorer. It is presumed that the required data fields have been discretized. In this example it is age attribute.

Step2: Clicking on the associate tab will bring up the interface for association rule algorithm.

Step3: We will use FP-Growth algorithm. This is the default algorithm.

Step4: Inorder to change the parameters for the run (example support, confidence etc) we click on the text box immediately to the right of the choose button.

## Data set:

Shopping.arff

@relation shopping

@attribute milk{yes,no}

@attribute bread{yes,no}

@attribute honey{yes,no}
@attribute ghee{yes,no}

@attribute jam{yes,no}

@data

yes,yes,no,no,yes

no,yes,no,yes,no

no,yes,yes,no,no

yes,yes,no,yes,no

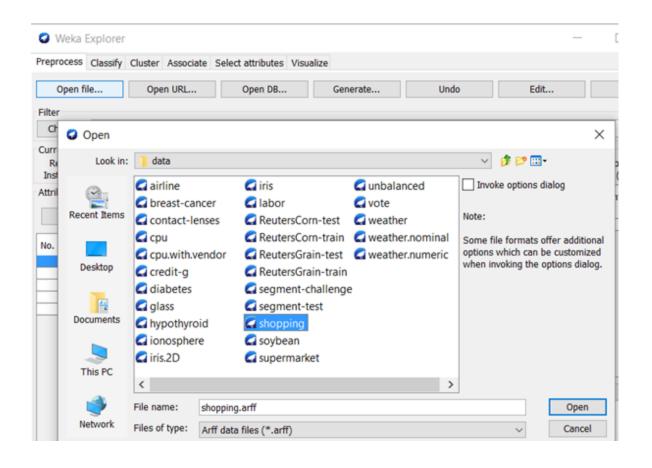
yes,no,yes,no,no

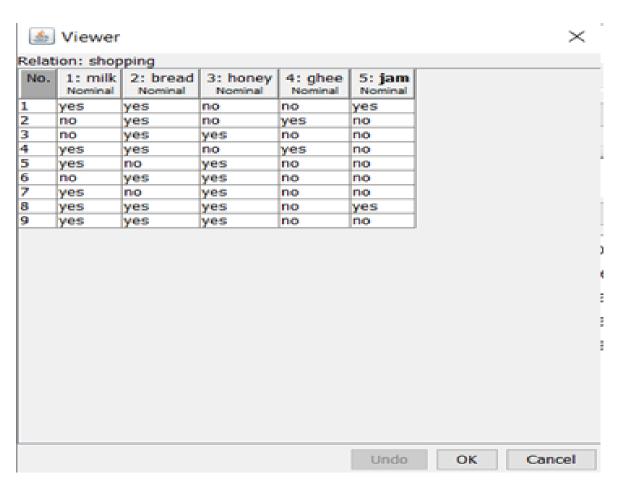
no,yes,yes,no,no

yes,no,yes,no,no

yes,yes,yes,no,yes

yes,yes,yes,no,no





## Weka Explorer

