“**Experiment 1.3”**

**Student Name: SUMIT KUMAR UID: 20BCS8226**

**Branch: CSE Section/Group: DM-720 A**

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**Subject Name: Data Mining Lab Subject Code: 20CSP-376**

**Aim:**

**To** demonstrate association rule mining using Apriory algorithm.

**Objective:**

• The objective is to draw relative item frequency plot.

• To understand implementation of libraries like arules, arulesViz, RColorBrewer.

• To know the functions like apriori and inspect.

**Code:**

#to display all available datasets

library(help="datasets")

#select any dataset

iris

#to show all attributes of the dataset

names(iris)

#to display number of rows and columns

dim(iris)

#to calculate the mean

mean = mean(AirPassengers)

print(mean)

#to calculate median

median=median(AirPassengers)

print(median)

#to calculate mode

mode= function(iris){

return(names(sort(-table(iris$Sepal.Length)))[1])

}

mode(iris)

**Output:**



