“**Experiment 1.2”**

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

**Aim:**

**To** perform the statistical analysis of data.

**Objective:**

• The objective is to find mean, median, mode of any provided dataset.

• To understand implementation of names and dim functions.

• To know how to display all available datasets.

**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:**



