



Experiment 1.2

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Subject Name: Data Mining Lab

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- 1. Aim:** Statistical analysis of data.
- 2. Objective:** To perform statistical analysis of data.

3. Script and Output:

```
library(RWeka)
#setting the working directory
setwd("C:\\\\Users\\\\dell\\\\OneDrive\\\\Desktop\\\\DataMining")
#checking the working directory
getwd()

#reading arff file
N = read.arff("diabetes.arff")
print(N)

#printing first and last 2 rows
head(N,2)
tail(N,2)

#printing dimension
dim(N)
```



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#printing column names
names(N)

#printing maximum and minimum age
max(N["age"])
min(N["age"])

#mean age
mean(N\$age)

#median age
median(sort(N\$age))

#standard deviation
sd(N\$age)

#summary
summary(N)



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