Experiment 1.2

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

1. Aim/Overview of the practical:

To perform statistical analysis of data

2. Objective:

- To perform statistical analysis of data using RWeka.
- To learn how to calculate mean, median and standard deviation in R.
- To learn the utilization of RWeka.

3. Code:

```
library("RWeka")

N = read.arff("D:\\DataMining")

print(N)

cat("\n\n\n")

print(head(N,2))
```

```
dim(N)

names(N)
N["animal"]

N["avg_sleep_hours"]

max(N["avg_sleep_hours"])

min(avg_sleep_hours)

sum(avg_sleep_hours)

mean(avg_sleep_hours)

median(sort(avg_sleep_hours))

sd(avg_sleep_hours)

summary(N)
```

4. **Output:**