assignment1

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#Reference: https://www.iplt20.com/stats/2021

TOP RUN GETTERS IN IPL 2021

Below table shows the top five run scorers in Ipl 2021. The table explains the number of matches, runs, strickrate, not outs and high scores etc. In which ruturaj Gaikwad scored 635 and remained as top run scorer of 2021 edition.

```
data1 <- read.csv("C:/Users/kramr/Desktop/assign1.csv")
data1
```

```
##   S.NO          PLAYER MATCHES INNINGS NOTOUT RUNS HIGH.SCORE AVERAGE
## 1    1 ruturaj Gaikwad      16      16      2  635        101   45.35
## 2    2  faf du Plessis      16      16      2  633         95   45.21
## 3    3        kL Rahul      13      13      3  626         98   62.60
## 4    4  shikhar Dhawan      16      16      1  587         92   39.13
## 5    5   glenn Maxwell      15      14      2  513         78   42.75
##   BALLS.FACED STRICKRATE X100 X50 X4.S X6.S                       TEAM
## 1         466     136.26    1   4   64   23         chennai super kings
## 2         458     138.20    0   6   60   23         chennai super kings
## 3         451     138.80    0   6   48   30                 punjab kings
## 4         471     124.62    0   3   63   16               delhi captails
## 5         356     144.10    0   6   48   21 royal  challengers banglore
```

```
mean(data1$RUNS) ##mean runs scored by all five batsmen
```

```
## [1] 598.8
```

```
table(data1$TEAM)
```

```
##
##        chennai super kings             delhi captails
##                          2                          1
##               punjab kings royal  challengers banglore
##                          1                          1
```
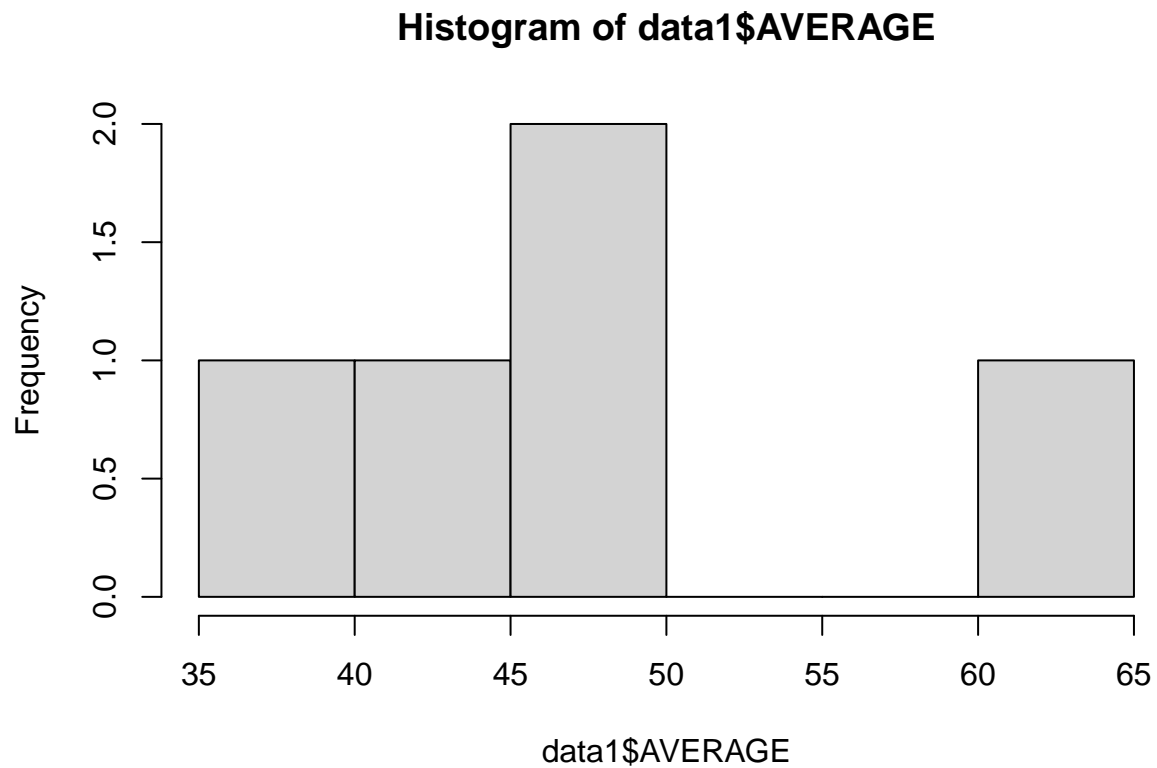
```
data1$RUNS_variance = sd(data1$RUNS) ##varience in there in runs

##Below histogram represents the average of the five players

hist(data1$AVERAGE)
```

Histogram of data1$AVERAGE


```
##Below scatter plot shows of runs scored
x<- data1$RUNS
y<- data1$S.NO
plot(x,y,main="PLAYER AND NO OF RUNS SCORED", xlab ="RUNS", ylab = "S.NO")
```

PLAYER AND NO OF RUNS SCORED