assignment 1

varshini

2022-09-12

```
#uploading dataset
varshini_dataset <- read.csv("Downloads/games.csv")

#look of the dataset
```

```
#mean of variable turns
mean(varshini_dataset$turns)
```

```
## [1] 60.466
```

```
#standard deviation of turns variable
sd(varshini_dataset$turns)
```

```
## [1] 33.57058
```

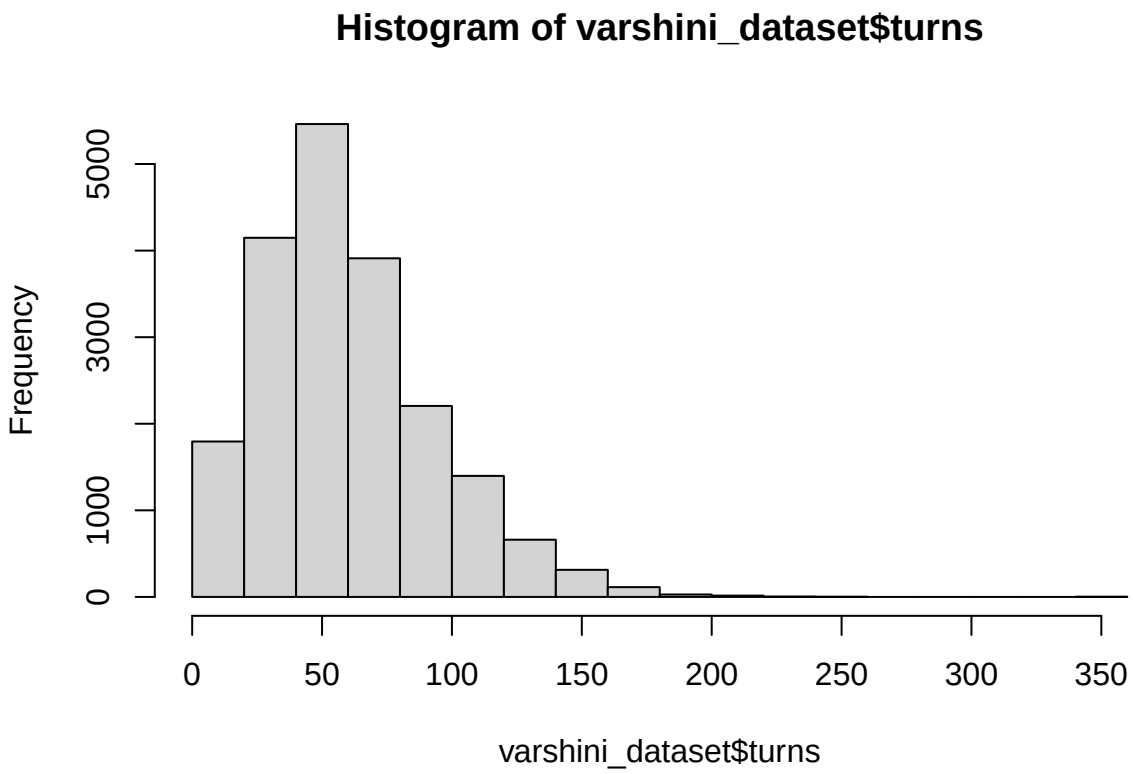
```
#

str(varshini_dataset$white_rating)
```

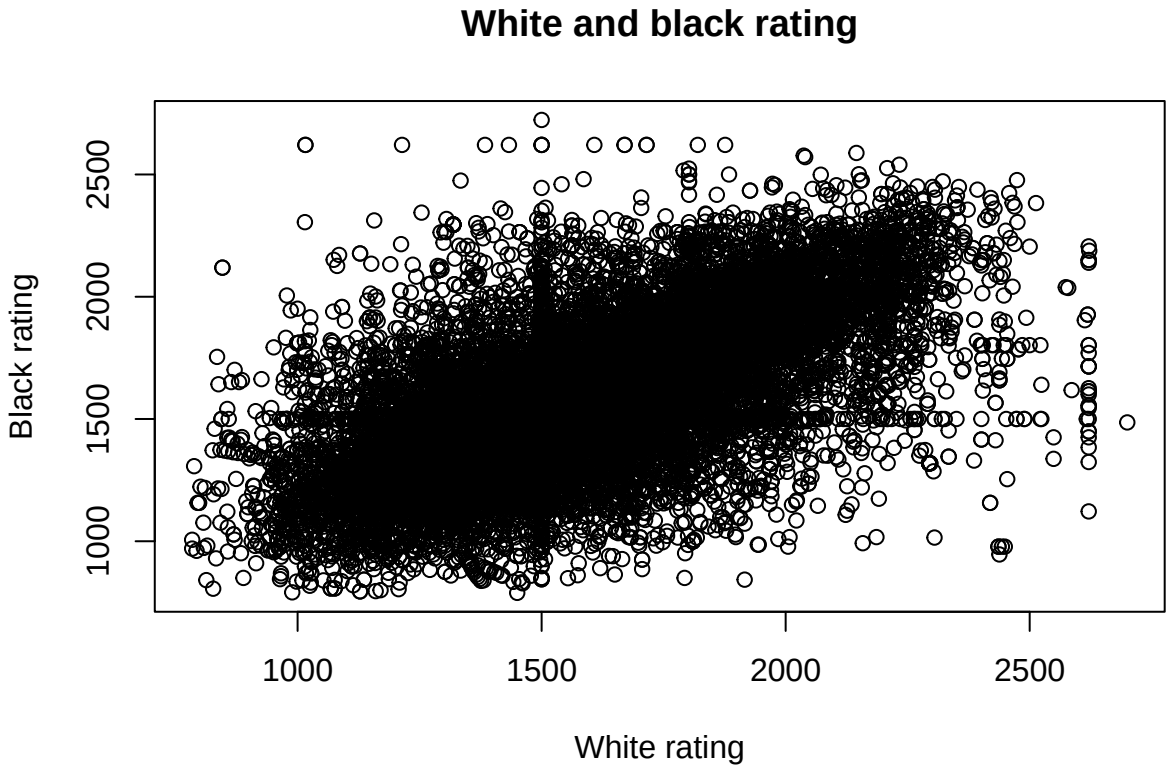
```
##  int [1:20058] 1500 1322 1496 1439 1523 1250 1520 1413 1439 1381 ...
```

```
varshini_datasettransformed <- (varshini_dataset$turns - mean(varshini_dataset$turns)/sd(varshini_datas
#varshini_datasettransformed
```

```
hist(varshini_dataset$turns)
```




```
x <- varshini_dataset$white_rating
y <- varshini_dataset$black_rating
plot(x,y, main = "White and black rating", xlab = "White rating", ylab = "Black rating")
```



R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

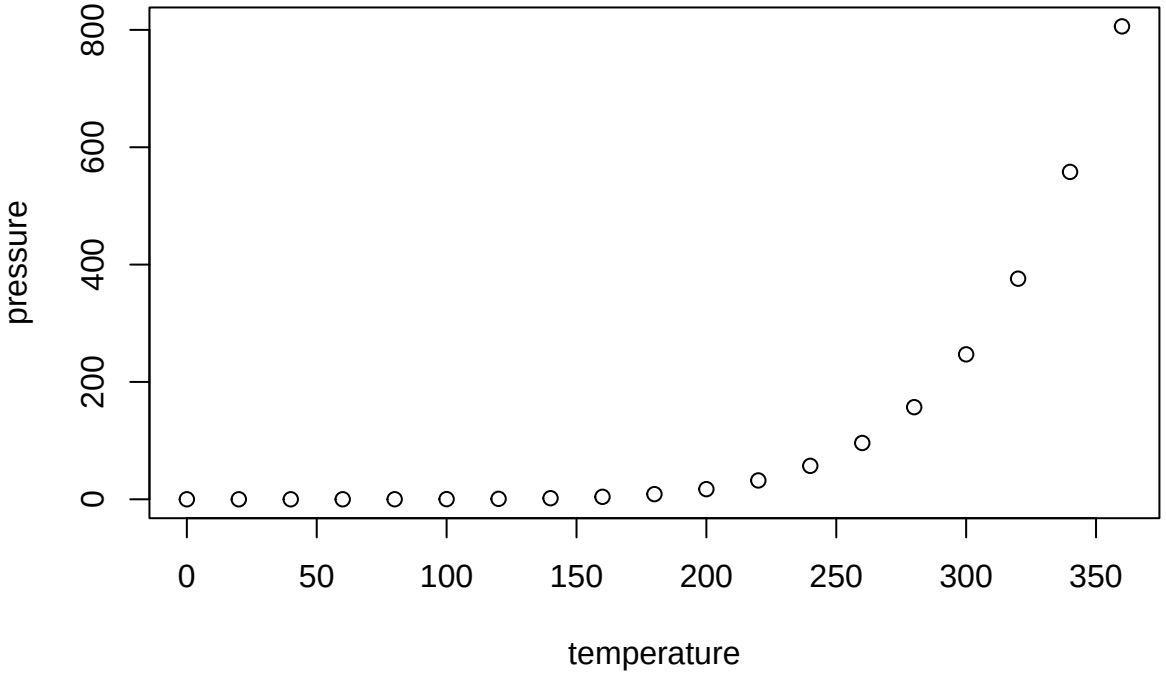
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.