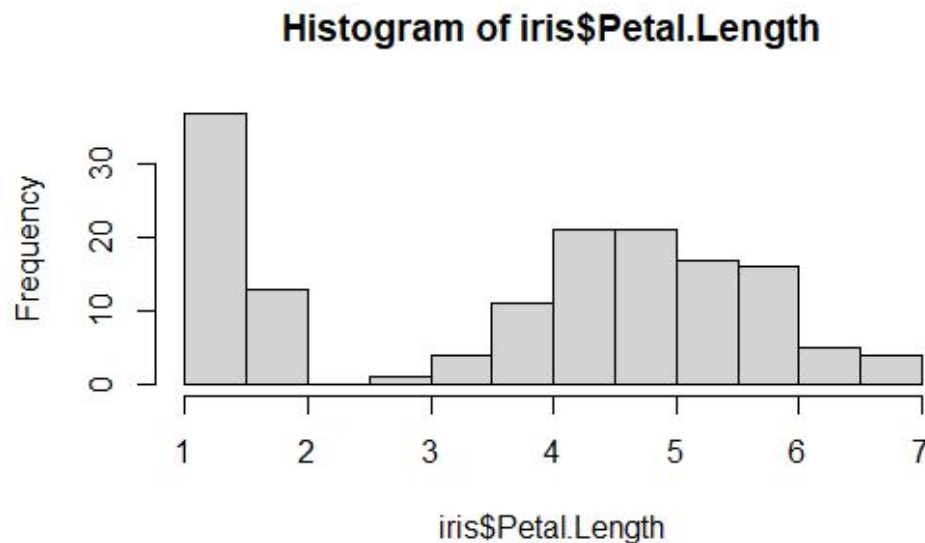# Case Study 1

Group 2

Creating a default histogram

```
1
2  library(dplyr)
3  library(ggplot2)
4  data(iris)
5  mean(iris$Petal.Length)
6
7  hist(iris$Petal.Length)
```

```
> mean(iris$Petal.Length)
[1] 3.758
```


Histogram of iris$Petal.Length

Creating a histogram with ggplot2

```
12  Plot2 <- ggplot(iris, aes(x=Petal.Length)) + geom_histogram(fill="#00FF11") + ggtitle("Count of Petal Length")
13  Plot2
```


Count of Petal Length