

# Sep\_10\_ClassNotes

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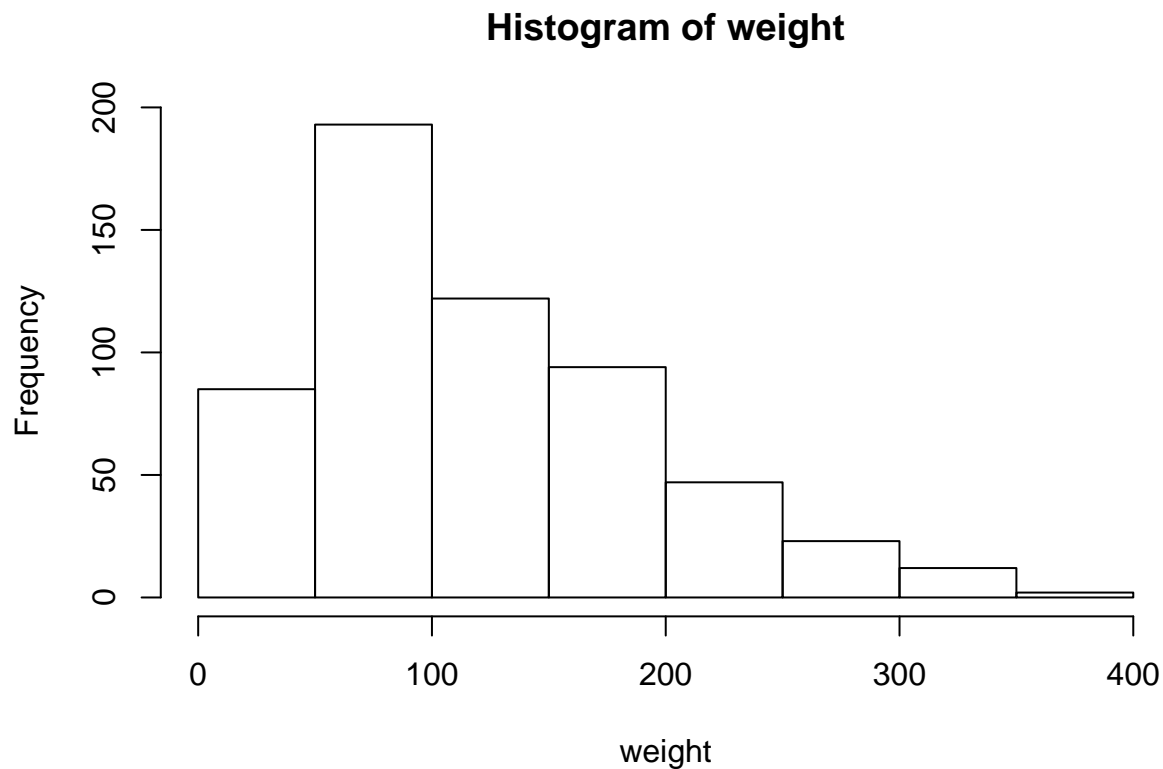
## Centering and scaling predictors

provide more control on the predictors thus results in better interpretation of the outcome

```
ChickData = ChickWeight  
weight = ChickData$weight  
head(weight)
```

```
## [1] 42 51 59 64 76 93
```

```
hist(weight)
```



```
hist(log(weight))
```

**Histogram of  $\log(\text{weight})$**

