R Markdown Basics

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Code Chunks

```r
#table(cars)
head(cars)
```

```
##   speed dist
## 1     4    2
## 2     4   10
## 3     7    4
## 4     7   22
## 5     8   16
## 6     9   10
```

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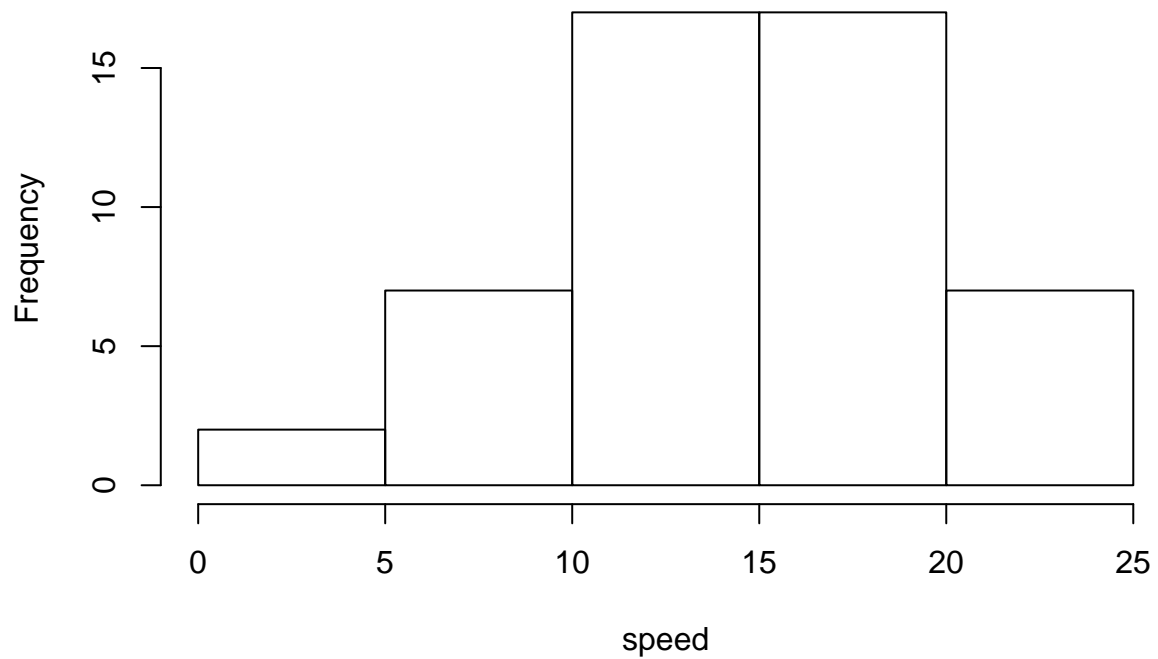
```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

Note: Click on the `play`button to run the code chunk.

Chunk Options

To hide your code chunk from the output use `echo=FALSE`

Histogram of speed

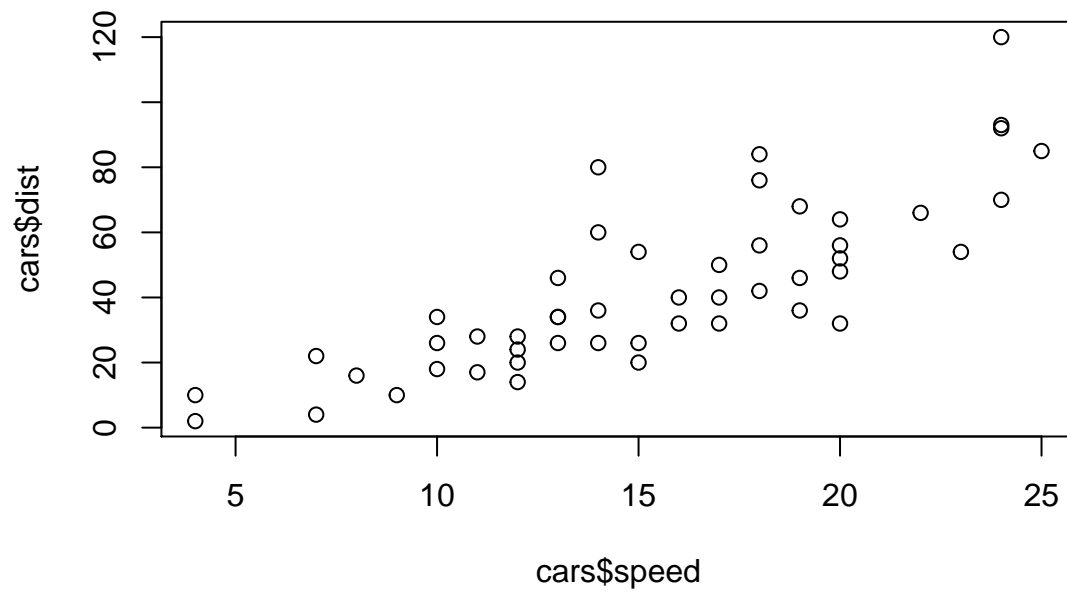You use `results = "hide"` to hide the results/output (but here the code would still be displayed)

```r
cor(cars$speed, cars$dist)
?cor
```

You use `include = FALSE` to have the chunk evaluated, but neither the code nor its output displayed.

Figures

For figures, you"ll want to use options like fig.width and fig.height. For example

```r
plot(cars$speed, cars$dist)
```

Note: Change the height and the width of the plot.

In-line code

Here is an example of an in-line code

There are 50 cars in the `cars`dataset.