

A0 solution - Rmarkdown First Lab

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Q3 - Plot cars data

3.1. Cars data

We'll look at data frame and plotting in much more detail in later classes. For a previous of what's to come, here's a very basic example.

For this example we'll use a very simple dataset. The `cars` data comes with the default installation of R. To see the first few columns of the data, just type `head(cars)`.

```
head(cars)
```

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

We'll do a bad thing here and use the `attach()` command, which will allow us to access the `speed` and `dist` columns of `cars` as though they were vectors in our workspace.

```
attach(cars) # Using this command is poor style. We will avoid it in the future.
```

We can easily produce a histogram of stopping distance using the `hist` function.

```
hist(dist) # Histogram of stopping distance
```

Histogram of dist

