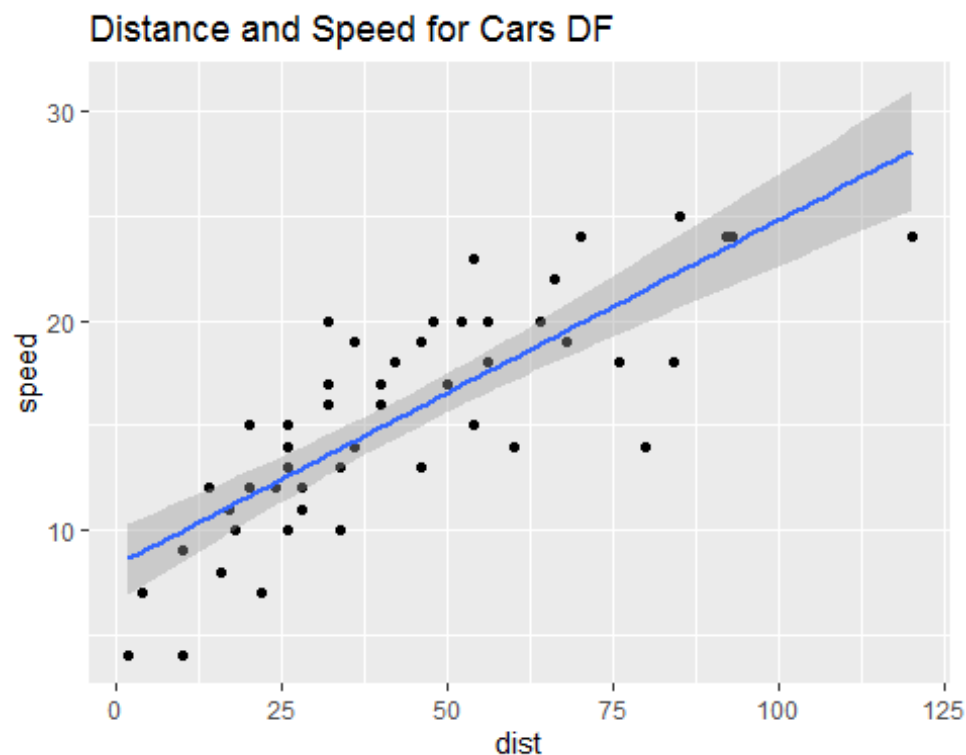# Trying GGPLOT

[Name removed]

9/6/2019

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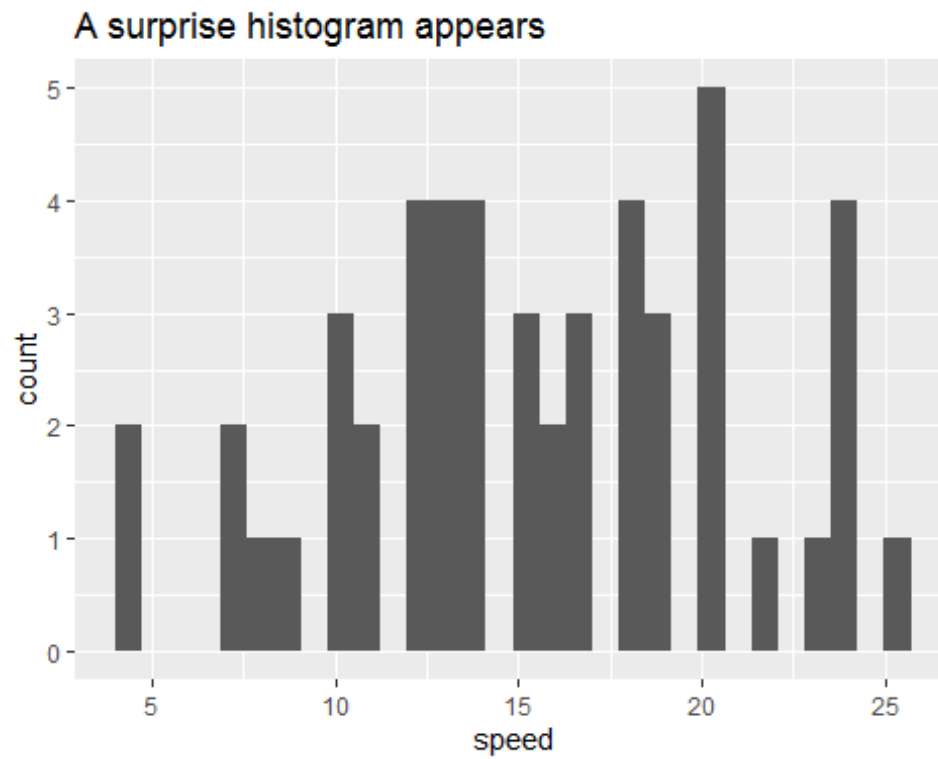
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
library(ggplot2)
ggplot(cars, aes(x=dist, y=speed)) + geom_point() + geom_smooth(method="lm")
+ ggtitle("Distance and Speed for Cars DF")
```



```
ggplot(cars, aes(x=speed)) + geom_histogram() + ggtitle("A surprise histogram
appears")
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```

A surprise histogram appears


```r
##Mean of speed of cars
mean(cars[["speed"]])
```

```
## [1] 15.4
```

```r
##Variance of speed of cars
var(cars[["speed"]])
```

```
## [1] 27.95918
```