# Review of Linear Regression

#### STA321 Assignment #1

#### Your Name

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## 1 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:

## 1.1 Numerical Summary

#### summary(cars)

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

## 1.2 Including Plots

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.