

assignment2

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assignment2

my first R markdown XU XINRAN 91222624

```
summary(airquality)
```

```
##      Ozone      Solar.R      Wind      Temp
## Min.   : 1.00   Min.   : 7.0   Min.   : 1.700   Min.   :56.00
## 1st Qu.: 18.00   1st Qu.:115.8   1st Qu.: 7.400   1st Qu.:72.00
## Median : 31.50   Median :205.0   Median : 9.700   Median :79.00
## Mean   : 42.13   Mean   :185.9   Mean   : 9.958   Mean   :77.88
## 3rd Qu.: 63.25   3rd Qu.:258.8   3rd Qu.:11.500   3rd Qu.:85.00
## Max.   :168.00   Max.   :334.0   Max.   :20.700   Max.   :97.00
## NA's   :37      NA's   :7
##      Month      Day
## Min.   :5.000   Min.   : 1.0
## 1st Qu.:6.000   1st Qu.: 8.0
## Median :7.000   Median :16.0
## Mean   :6.993   Mean   :15.8
## 3rd Qu.:8.000   3rd Qu.:23.0
## Max.   :9.000   Max.   :31.0
##
```

```
airquality[1:6, ]
```

```
##      Ozone Solar.R Wind Temp Month Day
## 1      41      190  7.4   67     5    1
## 2      36      118  8.0   72     5    2
## 3      12      149 12.6   74     5    3
## 4      18      313 11.5   62     5    4
## 5      NA       NA 14.3   56     5    5
## 6      28       NA 14.9   66     5    6
```

```
good<-complete.cases(airquality)
airquality[good, ][1:6, ]
```

```
##      Ozone Solar.R Wind Temp Month Day
## 1      41      190  7.4   67     5    1
## 2      36      118  8.0   72     5    2
## 3      12      149 12.6   74     5    3
## 4      18      313 11.5   62     5    4
## 7      23      299  8.6   65     5    7
## 8      19       99 13.8   59     5    8
```

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>.

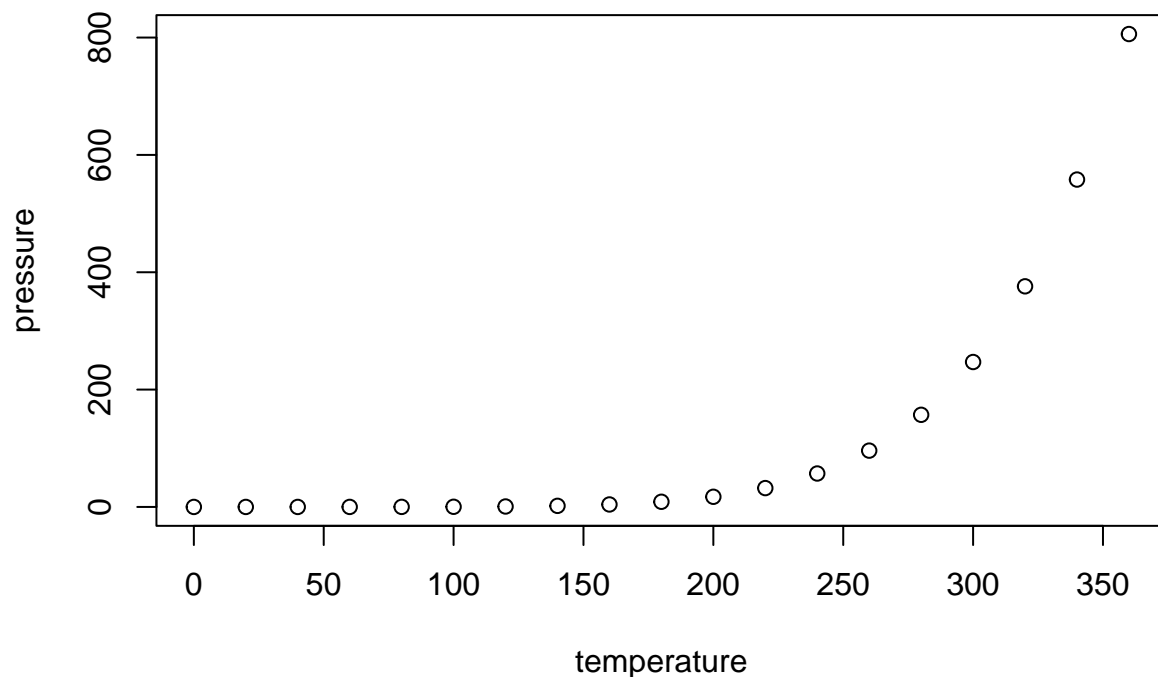
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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
```

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.