Test markdown

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R Markdown

subsection

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.

%{r, echo=FALSE, cache=TRUE}

```
##    STATION           SAMPLE_DATE        SAMPLE_NUMBER   SPEC_CODE
##  Length:115544      Length:115544      Min.   :1.00   Length:115544
##  Class :character   Class :character   1st Qu.:1.00   Class :character
##  Mode  :character   Mode  :character   Median :1.00   Mode  :character
##                                        Mean   :1.44
##                                        3rd Qu.:2.00
##                                        Max.   :3.00
##                                        NA's   :27
##      LBL                TSN             PARAMETER             VALUE
##  Length:115544      Length:115544      Length:115544      Min.   : 0.00000
##  Class :character   Class :character   Class :character   1st Qu.: 0.00080
##  Mode  :character   Mode  :character   Mode  :character   Median : 0.00100
##                                                           Mean   : 0.02773
##                                                           3rd Qu.: 0.00300
##                                                           Max.   :28.28160
##                                                           NA's   :32
##     UNITS              SOURCE            GMETHOD            NET_MESH
##  Length:115544      Length:115544      Length:115544      Min.   :0.5
##  Class :character   Class :character   Class :character   1st Qu.:0.5
##  Mode  :character   Mode  :character   Mode  :character   Median :0.5
##                                                           Mean   :0.5
##                                                           3rd Qu.:0.5
##                                                           Max.   :0.5
##                                                           NA's   :27
##     CRUISENO       Stratum               Year       SITE_TYPE
##  Min.   : 1.00   Length:115544      Min.   :1995   Length:115544
##  1st Qu.: 1.00   Class :character   1st Qu.:1999   Class :character
##  Median : 5.00   Mode  :character   Median :2005   Mode  :character
##  Mean   :28.69                      Mean   :2006
##  3rd Qu.:57.00                      3rd Qu.:2012
##  Max.   :70.00                      Max.   :2019
##  NA's   :27
##     LATITUDE       LONGITUDE       TOTAL_DEPTH
##  Min.   :36.46   Min.   :-77.32   Min.   : 0.000
```

```
##  1st Qu.:37.24   1st Qu.:-76.62   1st Qu.: 2.700
##  Median :37.96   Median :-76.42   Median : 5.200
##  Mean   :38.00   Mean   :-76.38   Mean   : 6.449
##  3rd Qu.:38.59   3rd Qu.:-76.17   3rd Qu.: 9.000
##  Max.   :39.60   Max.   : 75.33   Max.   :34.000
##                                   NA's   :44
```

```
## 'data.frame':    115544 obs. of  19 variables:
##  $ STATION      : chr  "1" "1" "1" "1" ...
##  $ SAMPLE_DATE  : chr  "1995-09-01" "1995-09-01" "1995-09-01" "1995-09-01" ...
##  $ SAMPLE_NUMBER: int  1 1 1 1 1 1 1 1 1 1 ...
##  $ SPEC_CODE    : chr  "T2633" "T415" "T416" "T417" ...
##  $ LBL          : chr  "geukensia demissa" "glycinde solitaria" "heteromastus filiformis" "laeonereis
##  $ TSN          : chr  "79555" "66132" "67420" "65965" ...
##  $ PARAMETER    : chr  "AFDW" "AFDW" "AFDW" "AFDW" ...
##  $ VALUE        : num  0.00005 0.0002 0.0009 0.0001 0.0055 0.0008 0.0173 0.0205 0.0001 0.0004 ...
##  $ UNITS        : chr  "GRAMS/SAMPLE" "GRAMS/SAMPLE" "GRAMS/SAMPLE" "GRAMS/SAMPLE" ...
##  $ SOURCE       : chr  "VERSAR" "VERSAR" "VERSAR" "VERSAR" ...
##  $ GMETHOD      : chr  "BC-PH" "BC-PH" "BC-PH" "BC-PH" ...
##  $ NET_MESH     : num  0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 ...
##  $ CRUISENO     : int  1 1 1 1 1 1 1 1 1 1 ...
##  $ Stratum      : chr  "HIS" "HIS" "HIS" "HIS" ...
##  $ Year         : int  1995 1995 1995 1995 1995 1995 1995 1995 1995 1995 ...
##  $ SITE_TYPE    : chr  "FIXED" "FIXED" "FIXED" "FIXED" ...
##  $ LATITUDE     : num  38.4 38.4 38.4 38.4 38.4 ...
##  $ LONGITUDE    : num  -76.4 -76.4 -76.4 -76.4 -76.4 ...
##  $ TOTAL_DEPTH  : num  2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 ...
```

The sample size is 115544

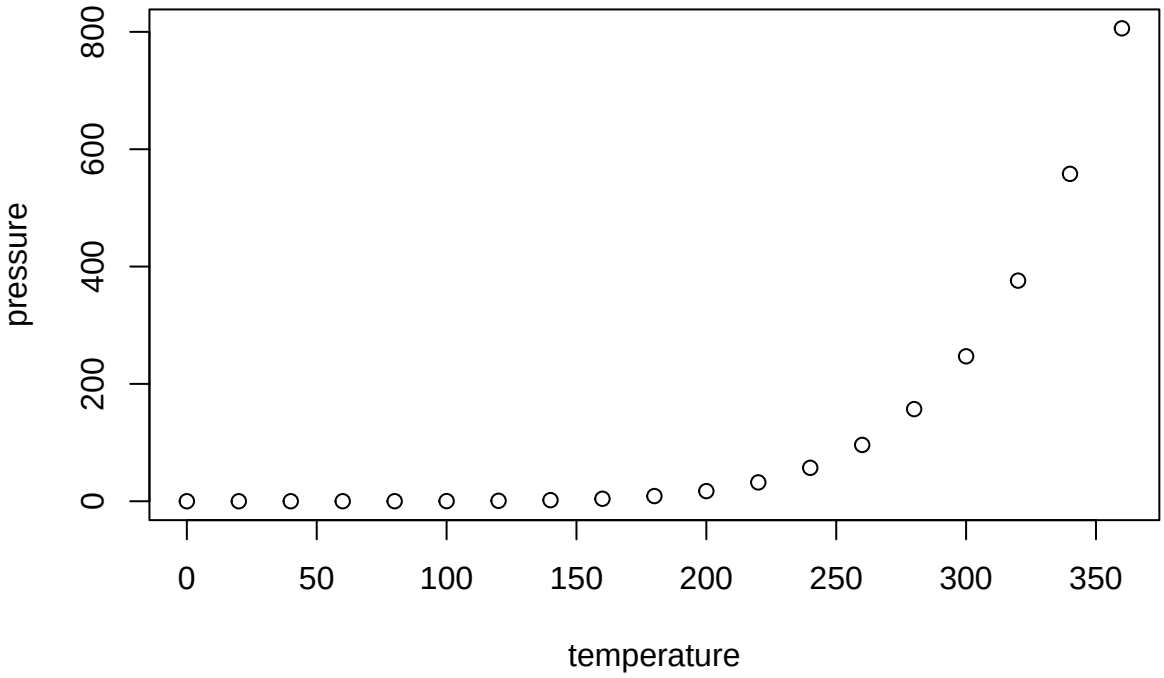
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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.