Plotting Practice

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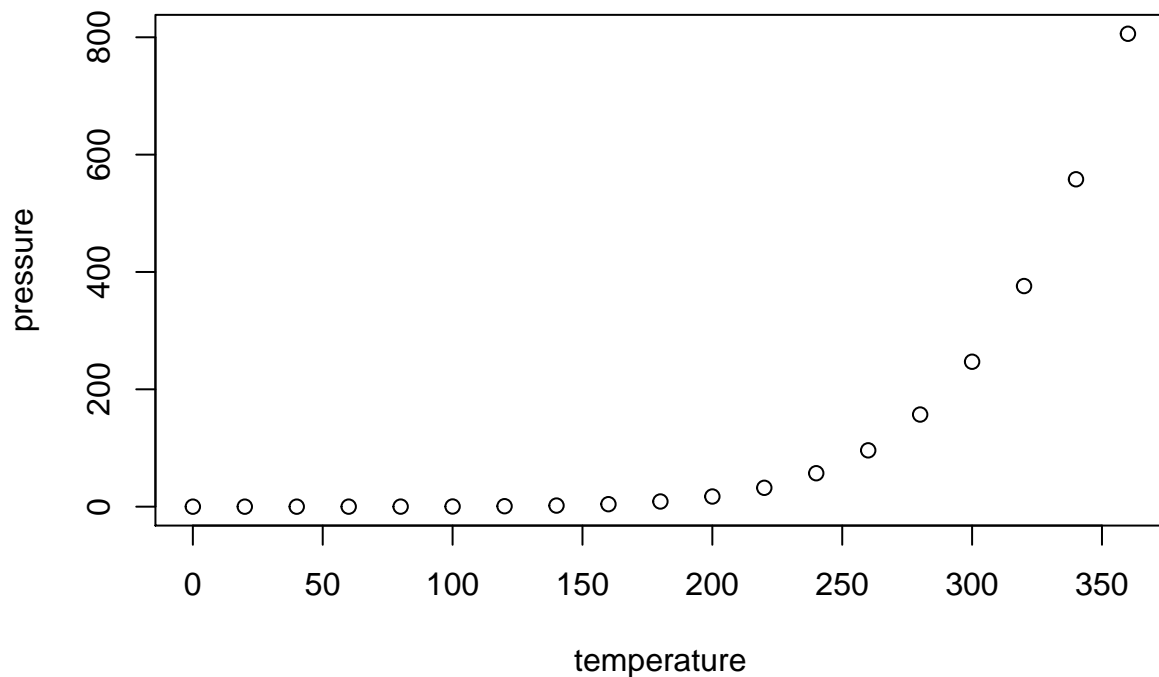
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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:
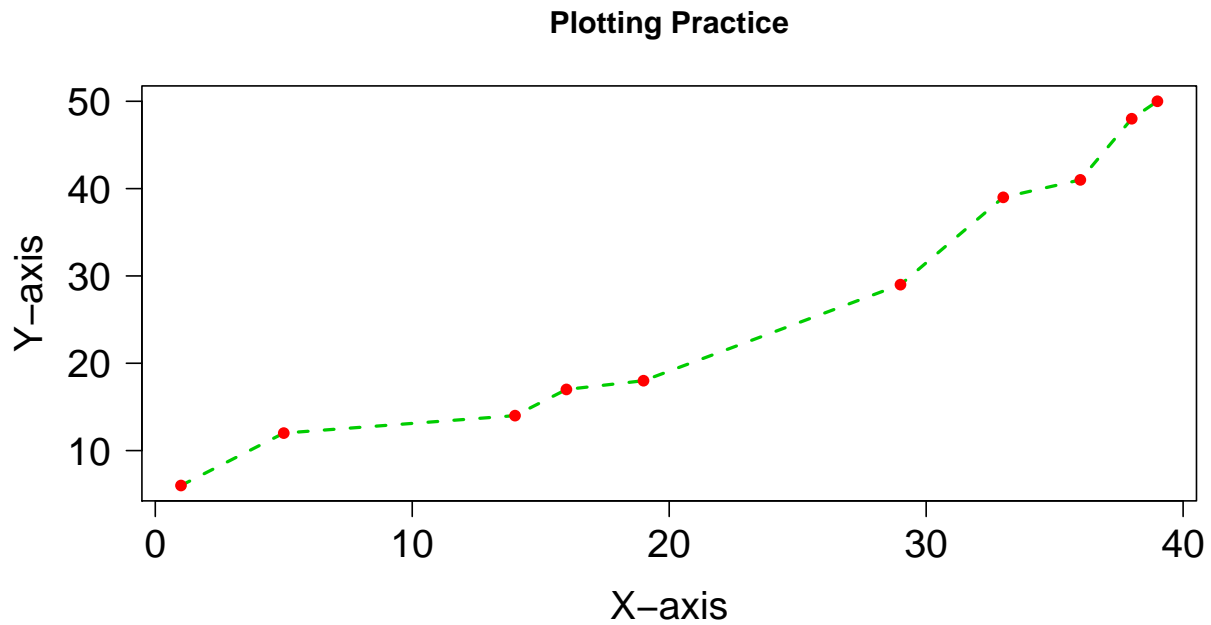
Plotting Practice

Figure 1: Plotting Practice

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

```r
x = sample(1:50, size=10)
y = sample(1:50, size=10)

x = sort(x)
y = sort(y)

plot (x,
      y,
      type = 'l',
      las = '1',
      pch = 16,
      col = 3,
      cex = 2,
      lty = 2,
      lwd = 2,
      cex.lab = 1.5,
      cex.axis = 1.5,
      main = 'Plotting Practice',
      xlab = 'X-axis',
      ylab = 'Y-axis')
points(x,
       y,
       pch=16,
       col=2)
```