My first markdown

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
```

```
iris
```

```
##     Sepal.Length Sepal.Width Petal.Length
## 1            5.1         3.5          1.4
## 2            4.9         3.0          1.4
## 3            4.7         3.2          1.3
## 4            4.6         3.1          1.5
## 5            5.0         3.6          1.4
## 6            5.4         3.9          1.7
## 7            4.6         3.4          1.4
## 8            5.0         3.4          1.5
## 9            4.4         2.9          1.4
## 10           4.9         3.1          1.5
## 11           5.4         3.7          1.5
## 12           4.8         3.4          1.6
## 13           4.8         3.0          1.4
## 14           4.3         3.0          1.1
## 15           5.8         4.0          1.2
## 16           5.7         4.4          1.5
## 17           5.4         3.9          1.3
## 18           5.1         3.5          1.4
## 19           5.7         3.8          1.7
## 20           5.1         3.8          1.5
## 21           5.4         3.4          1.7
## 22           5.1         3.7          1.5
## 23           4.6         3.6          1.0
## 24           5.1         3.3          1.7
```

```
## 25          4.8         3.4         1.9
## 26          5.0         3.0         1.6
## 27          5.0         3.4         1.6
## 28          5.2         3.5         1.5
## 29          5.2         3.4         1.4
## 30          4.7         3.2         1.6
## 31          4.8         3.1         1.6
## 32          5.4         3.4         1.5
## 33          5.2         4.1         1.5
## 34          5.5         4.2         1.4
## 35          4.9         3.1         1.5
## 36          5.0         3.2         1.2
## 37          5.5         3.5         1.3
## 38          4.9         3.6         1.4
## 39          4.4         3.0         1.3
## 40          5.1         3.4         1.5
## 41          5.0         3.5         1.3
## 42          4.5         2.3         1.3
## 43          4.4         3.2         1.3
## 44          5.0         3.5         1.6
## 45          5.1         3.8         1.9
## 46          4.8         3.0         1.4
## 47          5.1         3.8         1.6
## 48          4.6         3.2         1.4
## 49          5.3         3.7         1.5
## 50          5.0         3.3         1.4
## 51          7.0         3.2         4.7
## 52          6.4         3.2         4.5
## 53          6.9         3.1         4.9
## 54          5.5         2.3         4.0
## 55          6.5         2.8         4.6
## 56          5.7         2.8         4.5
## 57          6.3         3.3         4.7
## 58          4.9         2.4         3.3
## 59          6.6         2.9         4.6
## 60          5.2         2.7         3.9
## 61          5.0         2.0         3.5
## 62          5.9         3.0         4.2
## 63          6.0         2.2         4.0
## 64          6.1         2.9         4.7
## 65          5.6         2.9         3.6
## 66          6.7         3.1         4.4
## 67          5.6         3.0         4.5
## 68          5.8         2.7         4.1
## 69          6.2         2.2         4.5
## 70          5.6         2.5         3.9
## 71          5.9         3.2         4.8
## 72          6.1         2.8         4.0
## 73          6.3         2.5         4.9
## 74          6.1         2.8         4.7
## 75          6.4         2.9         4.3
## 76          6.6         3.0         4.4
## 77          6.8         2.8         4.8
## 78          6.7         3.0         5.0
```

```
## 79          6.0         2.9         4.5
## 80          5.7         2.6         3.5
## 81          5.5         2.4         3.8
## 82          5.5         2.4         3.7
## 83          5.8         2.7         3.9
## 84          6.0         2.7         5.1
## 85          5.4         3.0         4.5
## 86          6.0         3.4         4.5
## 87          6.7         3.1         4.7
## 88          6.3         2.3         4.4
## 89          5.6         3.0         4.1
## 90          5.5         2.5         4.0
## 91          5.5         2.6         4.4
## 92          6.1         3.0         4.6
## 93          5.8         2.6         4.0
## 94          5.0         2.3         3.3
## 95          5.6         2.7         4.2
## 96          5.7         3.0         4.2
## 97          5.7         2.9         4.2
## 98          6.2         2.9         4.3
## 99          5.1         2.5         3.0
## 100         5.7         2.8         4.1
## 101         6.3         3.3         6.0
## 102         5.8         2.7         5.1
## 103         7.1         3.0         5.9
## 104         6.3         2.9         5.6
## 105         6.5         3.0         5.8
## 106         7.6         3.0         6.6
## 107         4.9         2.5         4.5
## 108         7.3         2.9         6.3
## 109         6.7         2.5         5.8
## 110         7.2         3.6         6.1
## 111         6.5         3.2         5.1
## 112         6.4         2.7         5.3
## 113         6.8         3.0         5.5
## 114         5.7         2.5         5.0
## 115         5.8         2.8         5.1
## 116         6.4         3.2         5.3
## 117         6.5         3.0         5.5
## 118         7.7         3.8         6.7
## 119         7.7         2.6         6.9
## 120         6.0         2.2         5.0
## 121         6.9         3.2         5.7
## 122         5.6         2.8         4.9
## 123         7.7         2.8         6.7
## 124         6.3         2.7         4.9
## 125         6.7         3.3         5.7
## 126         7.2         3.2         6.0
## 127         6.2         2.8         4.8
## 128         6.1         3.0         4.9
## 129         6.4         2.8         5.6
## 130         7.2         3.0         5.8
## 131         7.4         2.8         6.1
## 132         7.9         3.8         6.4
```

```
## 133          6.4         2.8          5.6
## 134          6.3         2.8          5.1
## 135          6.1         2.6          5.6
## 136          7.7         3.0          6.1
## 137          6.3         3.4          5.6
## 138          6.4         3.1          5.5
## 139          6.0         3.0          4.8
## 140          6.9         3.1          5.4
## 141          6.7         3.1          5.6
## 142          6.9         3.1          5.1
## 143          5.8         2.7          5.1
## 144          6.8         3.2          5.9
## 145          6.7         3.3          5.7
## 146          6.7         3.0          5.2
## 147          6.3         2.5          5.0
## 148          6.5         3.0          5.2
## 149          6.2         3.4          5.4
## 150          5.9         3.0          5.1
##     Petal.Width    Species
## 1           0.2     setosa
## 2           0.2     setosa
## 3           0.2     setosa
## 4           0.2     setosa
## 5           0.2     setosa
## 6           0.4     setosa
## 7           0.3     setosa
## 8           0.2     setosa
## 9           0.2     setosa
## 10          0.1     setosa
## 11          0.2     setosa
## 12          0.2     setosa
## 13          0.1     setosa
## 14          0.1     setosa
## 15          0.2     setosa
## 16          0.4     setosa
## 17          0.4     setosa
## 18          0.3     setosa
## 19          0.3     setosa
## 20          0.3     setosa
## 21          0.2     setosa
## 22          0.4     setosa
## 23          0.2     setosa
## 24          0.5     setosa
## 25          0.2     setosa
## 26          0.2     setosa
## 27          0.4     setosa
## 28          0.2     setosa
## 29          0.2     setosa
## 30          0.2     setosa
## 31          0.2     setosa
## 32          0.4     setosa
## 33          0.1     setosa
## 34          0.2     setosa
## 35          0.2     setosa
```

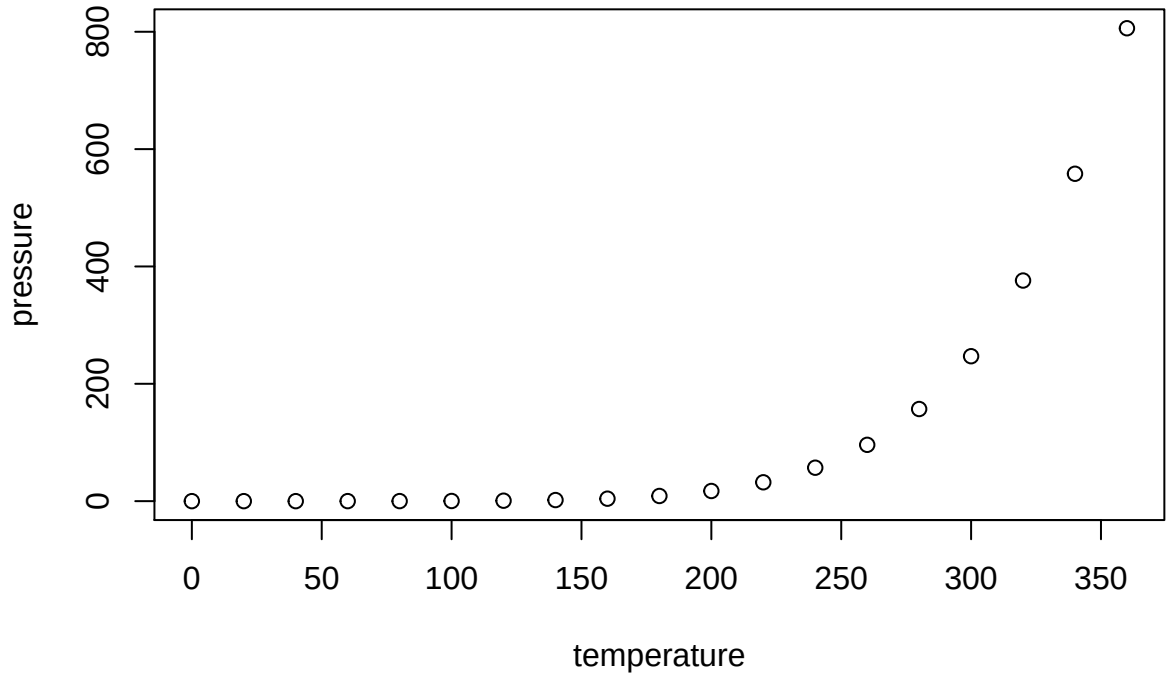
```
## 36          0.2     setosa
## 37          0.2     setosa
## 38          0.1     setosa
## 39          0.2     setosa
## 40          0.2     setosa
## 41          0.3     setosa
## 42          0.3     setosa
## 43          0.2     setosa
## 44          0.6     setosa
## 45          0.4     setosa
## 46          0.3     setosa
## 47          0.2     setosa
## 48          0.2     setosa
## 49          0.2     setosa
## 50          0.2     setosa
## 51          1.4 versicolor
## 52          1.5 versicolor
## 53          1.5 versicolor
## 54          1.3 versicolor
## 55          1.5 versicolor
## 56          1.3 versicolor
## 57          1.6 versicolor
## 58          1.0 versicolor
## 59          1.3 versicolor
## 60          1.4 versicolor
## 61          1.0 versicolor
## 62          1.5 versicolor
## 63          1.0 versicolor
## 64          1.4 versicolor
## 65          1.3 versicolor
## 66          1.4 versicolor
## 67          1.5 versicolor
## 68          1.0 versicolor
## 69          1.5 versicolor
## 70          1.1 versicolor
## 71          1.8 versicolor
## 72          1.3 versicolor
## 73          1.5 versicolor
## 74          1.2 versicolor
## 75          1.3 versicolor
## 76          1.4 versicolor
## 77          1.4 versicolor
## 78          1.7 versicolor
## 79          1.5 versicolor
## 80          1.0 versicolor
## 81          1.1 versicolor
## 82          1.0 versicolor
## 83          1.2 versicolor
## 84          1.6 versicolor
## 85          1.5 versicolor
## 86          1.6 versicolor
## 87          1.5 versicolor
## 88          1.3 versicolor
## 89          1.3 versicolor
```

```
## 90          1.3 versicolor
## 91          1.2 versicolor
## 92          1.4 versicolor
## 93          1.2 versicolor
## 94          1.0 versicolor
## 95          1.3 versicolor
## 96          1.2 versicolor
## 97          1.3 versicolor
## 98          1.3 versicolor
## 99          1.1 versicolor
## 100         1.3 versicolor
## 101         2.5  virginica
## 102         1.9  virginica
## 103         2.1  virginica
## 104         1.8  virginica
## 105         2.2  virginica
## 106         2.1  virginica
## 107         1.7  virginica
## 108         1.8  virginica
## 109         1.8  virginica
## 110         2.5  virginica
## 111         2.0  virginica
## 112         1.9  virginica
## 113         2.1  virginica
## 114         2.0  virginica
## 115         2.4  virginica
## 116         2.3  virginica
## 117         1.8  virginica
## 118         2.2  virginica
## 119         2.3  virginica
## 120         1.5  virginica
## 121         2.3  virginica
## 122         2.0  virginica
## 123         2.0  virginica
## 124         1.8  virginica
## 125         2.1  virginica
## 126         1.8  virginica
## 127         1.8  virginica
## 128         1.8  virginica
## 129         2.1  virginica
## 130         1.6  virginica
## 131         1.9  virginica
## 132         2.0  virginica
## 133         2.2  virginica
## 134         1.5  virginica
## 135         1.4  virginica
## 136         2.3  virginica
## 137         2.4  virginica
## 138         1.8  virginica
## 139         1.8  virginica
## 140         2.1  virginica
## 141         2.4  virginica
## 142         2.3  virginica
## 143         1.9  virginica
```

```
## 144         2.3  virginica
## 145         2.5  virginica
## 146         2.3  virginica
## 147         1.9  virginica
## 148         2.0  virginica
## 149         2.3  virginica
## 150         1.8  virginica
```

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.