SRC_data_course

PV

2024-11-22

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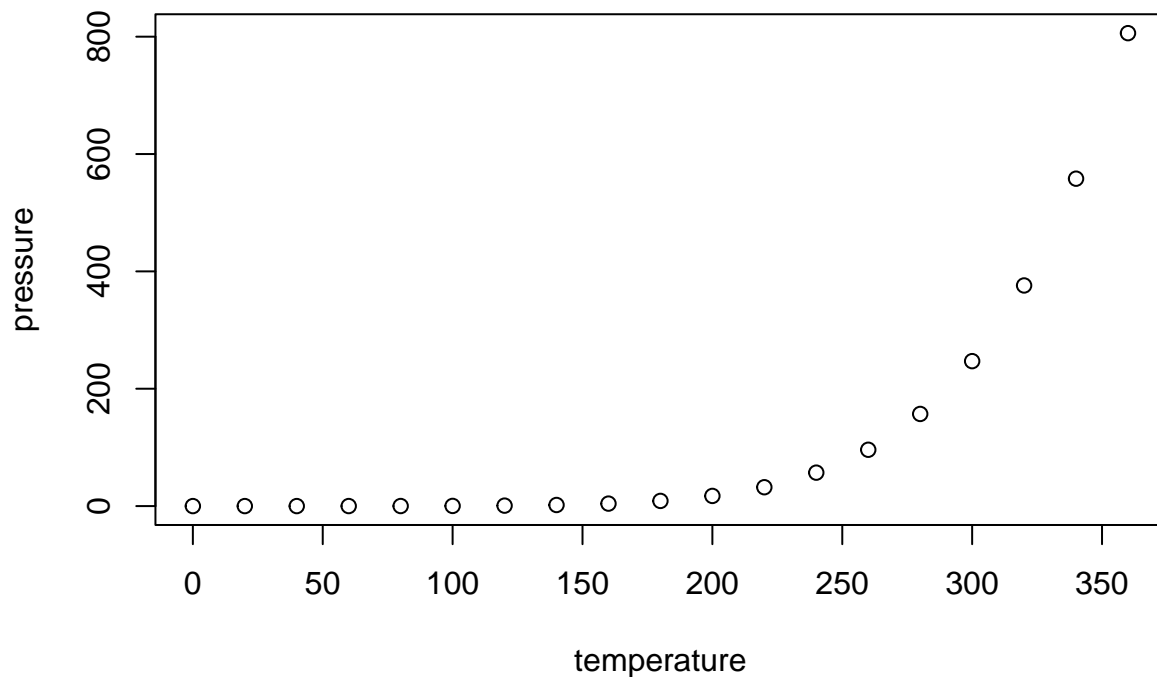
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
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

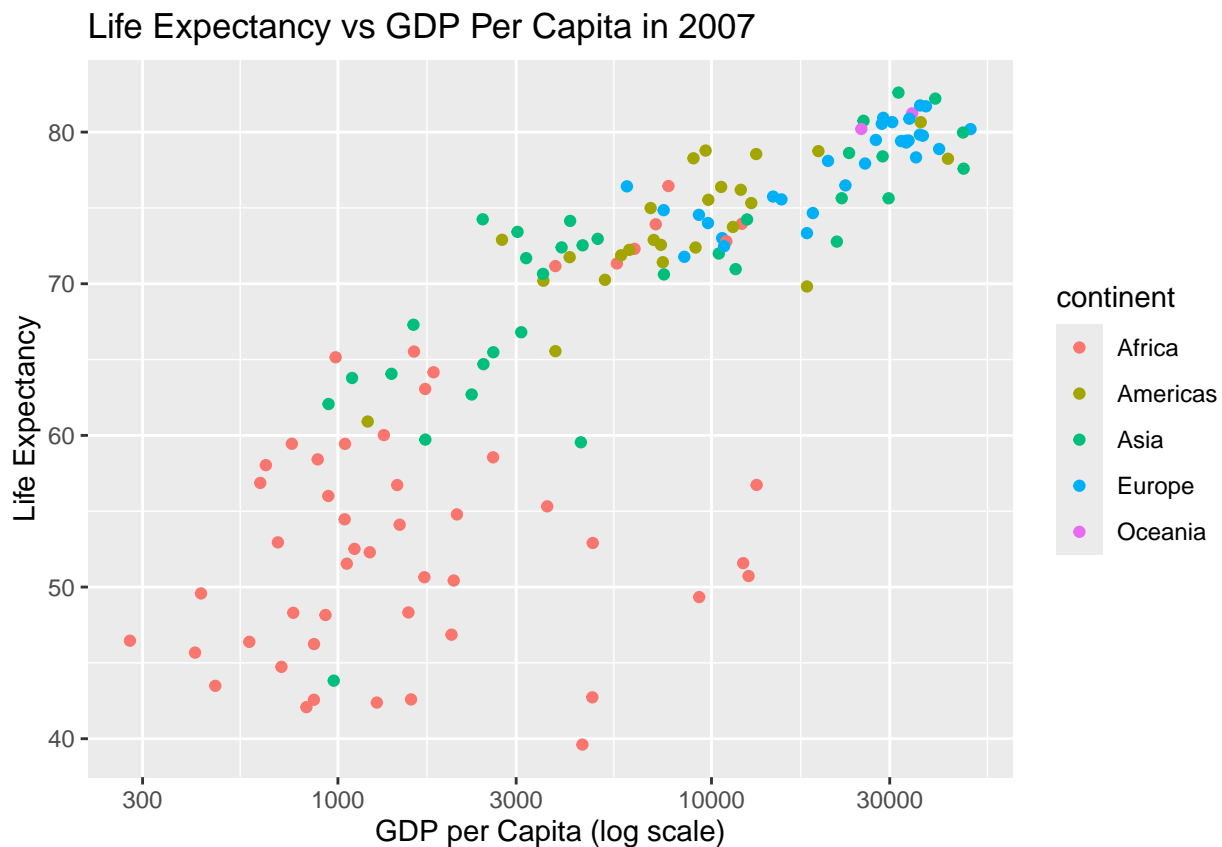You can also embed plots, for example:

Example Plot

Here is a simple plot using the **Gapminder** dataset:

```r
# Install and load the Gapminder package if necessary
# install.packages("gapminder")
library(gapminder)
library(ggplot2)

# Create a plot
gapminder_2007 <- subset(gapminder, year == 2007)
ggplot(gapminder_2007, aes(x = gdpPercap, y = lifeExp, color = continent)) +
  geom_point() +
  scale_x_log10() +
  labs(title = "Life Expectancy vs GDP Per Capita in 2007",
       x = "GDP per Capita (log scale)",
       y = "Life Expectancy")
```


And here we are testing the bibliography function (Challies et al. 2019)

Notes

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

References

Challies, E., J. Newig, and A. Lenschow. 2019. Governance for Sustainability in Telecoupled Systems. Pages 177–197 *in* C. Friis and J. Ø. Nielsen, editors. *Telecoupling: Exploring Land-Use Change in a Globalised World.* Springer International Publishing, Cham.