Intro to R Markdown

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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 https://rmarkdown.rstudio.com/lesson-1.html. For a quick reference, see the R Markdown Cheat Sheet.

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 (keyboard shortcut `Cmd + Option + I` on Mac or `Ctrl + Alt + I` on Windows):

```r
2+2
```
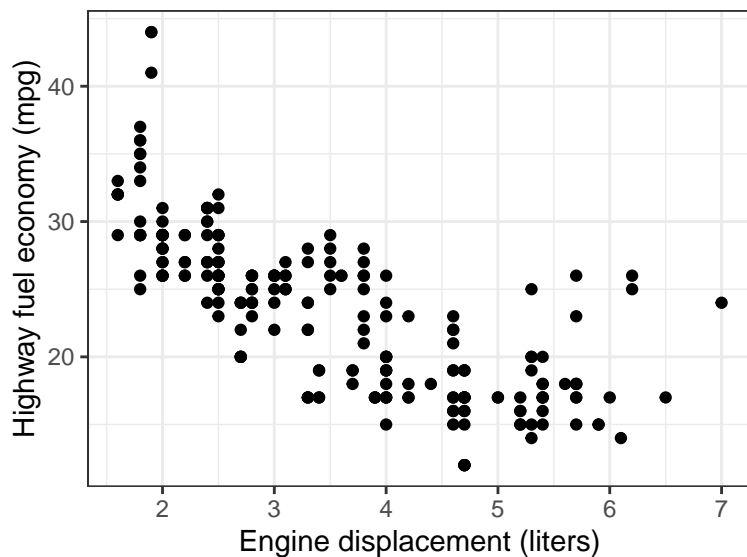
```
## [1] 4
```

Loading R packages

You can load R packages like this:

```r
library(tidyverse)
```

Including Plots

You can also embed plots, for example:

```r
ggplot(data = mpg, mapping = aes(x = displ, y = hwy)) +
  geom_point() +
  labs(x = "Engine displacement (liters)",
       y = "Highway fuel economy (mpg)") +
  theme_bw()
```

Using AI to assist with programming

You can try using AI tools like ChatGPT to help create code chunks like the one above. You can use this prompt as a personal R programming tutor.

More on creating reports

Read preparing-reports.pdf prior to starting Homework 1.