Assignment 2

M Hill

2024-10-07

Exercise 1

```
data <- read_excel('data-raw/Example_5.xls', sheet=2, range = 'A5:C36')
str(data)
```

```
## tibble [31 x 3] (S3: tbl_df/tbl/data.frame)
##  $ Girth : num [1:31] 8.3 8.6 8.8 10.5 10.7 10.8 11 11 11.1 11.2 ...
##  $ Height: num [1:31] 70 65 63 72 81 83 66 75 80 75 ...
##  $ Volume: num [1:31] 10.3 10.3 10.2 16.4 18.8 19.7 15.6 18.2 22.6 19.9 ...
```

I focused the range in the excel sheet just on the values I needed.

Exercise 2

```
data2 <- read_excel('data-raw/Example_3.xls', sheet = 2, range = 'A1:L34', na = c('NA', -9999))

tail(data2)
```

```
## # A tibble: 6 x 12
##   model          mpg   cyl  disp    hp  drat    wt  qsec    vs    am  gear  carb
##   <chr>        <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1 Lotus Europa  30.4     4  95.1   113  3.77  1.51  16.9     1     1     5     2
## 2 Ford Panter~  15.8     8 351     264  4.22  3.17  14.5     0     1     5     4
## 3 Ferrari Dino  19.7     6 145     175  3.62  2.77  15.5     0     1     5     6
## 4 Maserati Bo~  15       8 301     335  3.54  3.57  14.6     0     1     5     8
## 5 Volvo 142E    21.4     4 121     109  4.11  2.78  18.6     1     1     4     2
## 6 Tesla Model~  98      NA  NA     778 NA     4.94  10.4    NA     0     1    NA
```

I had to specify the range of the data within the excel sheet. Then using na I specified that 'NA' and -9999 represented missing values.