Module 2, Assignment 2

2022-09-27

10.

```
## # A tibble: 35,549 x 4
##     year plot_id species_id weight
##    <int>   <int> <chr>       <int>
##  1  1977       2 NL             NA
##  2  1977       3 NL             NA
##  3  1977       2 DM             NA
##  4  1977       7 DM             NA
##  5  1977       3 DM             NA
##  6  1977       1 PF             NA
##  7  1977       2 PE             NA
##  8  1977       1 DM             NA
##  9  1977       1 DM             NA
## 10  1977       6 PF             NA
## # ... with 35,539 more rows
## # i Use 'print(n = ...)' to see more rows
```

12.

```
## # A tibble: 5,391 x 9
##    record_id month   day  year plot_id species_id sex   hindfoot_length weight
##        <int> <int> <int> <int>   <int> <chr>      <chr>           <int>  <int>
##  1     30159     1     8  2000       1 PP         F                  22     17
##  2     30160     1     8  2000       1 DO         M                  35     53
##  3     30161     1     8  2000       1 PP         F                  21     17
##  4     30162     1     8  2000       1 DM         M                  36     50
##  5     30163     1     8  2000       1 PP         M                  20     16
##  6     30164     1     8  2000       1 PB         M                  26     27
##  7     30165     1     8  2000       1 PP         F                  22     15
##  8     30166     1     8  2000       1 PP         M                  23     19
##  9     30167     1     8  2000       1 DO         M                  35     41
## 10     30168     1     8  2000       1 PB         M                  25     24
## # ... with 5,381 more rows
## # i Use 'print(n = ...)' to see more rows
```

13.

```
## # A tibble: 3 x 9
##   record_id month   day  year plot_id species_id sex   hindfoot_length weight
##       <int> <int> <int> <int>   <int> <chr>      <chr>           <int>  <int>
## 1     16598    11     4  1989      21 BA         M                  13      7
## 2     16599    11     4  1989      21 BA         M                  12      6
## 3     16854    12     5  1989       3 BA         M                  14      8
```

16.

```
## # A tibble: 35,549 x 10
##    record_id month   day  year plot_id species_id sex   hindfoo~1 weight hindf~2
##        <int> <int> <int> <int>   <int> <chr>      <chr>     <int>  <int>   <dbl>
##  1         1     7    16  1977       2 NL         M            32     NA     3.2
##  2         2     7    16  1977       3 NL         M            33     NA     3.3
##  3         3     7    16  1977       2 DM         F            37     NA     3.7
##  4         4     7    16  1977       7 DM         M            36     NA     3.6
##  5         5     7    16  1977       3 DM         M            35     NA     3.5
##  6         6     7    16  1977       1 PF         M            14     NA     1.4
##  7         7     7    16  1977       2 PE         F            NA     NA    NA
##  8         8     7    16  1977       1 DM         M            37     NA     3.7
##  9         9     7    16  1977       1 DM         F            34     NA     3.4
## 10        10     7    16  1977       6 PF         F            20     NA     2
## # ... with 35,539 more rows, and abbreviated variable names 1: hindfoot_length,
## #   2: hindfoot_length_cm
## # i Use ‘print(n = ...)‘ to see more rows
```

18.

```
## # A tibble: 3 x 2
##   species_id mean_hf
##   <chr>        <dbl>
## 1 DM            36.0
## 2 DO            35.6
## 3 DS            49.9
```

19.

```
## # A tibble: 26 x 3
##     year min_weight max_weight
##    <int>      <int>      <int>
##  1  1977         19         20
##  2  1978         13         29
##  3  1979          8         27
##  4  1980         17         35
##  5  1981         10         30
##  6  1982         10         30
##  7  1983         11         31
##  8  1984         11         26
##  9  1985         12         40
## 10  1986         17         29
## # ... with 16 more rows
## # i Use ‘print(n = ...)‘ to see more rows
```