Hello, Penguins!

Lars Schöbitz
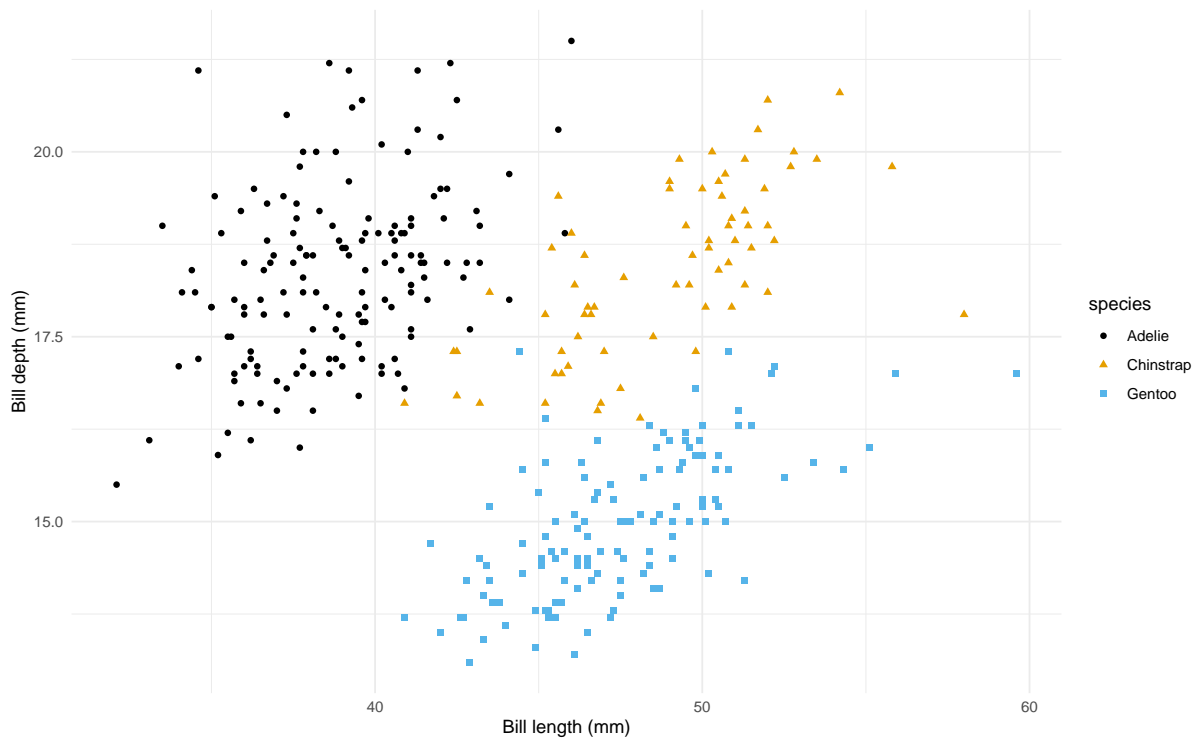
Introduction

Data

For this analysis we'll use the penguins dataset from the palmerpenguins R package.

```r
library(tidyverse)
library(ggthemes)
library(palmerpenguins)
library(gt)
```

Species

The figure below is a scatterplot of species of penguins.

```r
ggplot(data = penguins,
       mapping = aes(x = bill_length_mm,
                     y = bill_depth_mm,
                     color = species,
                     shape = species)) +
  geom_point() +
  scale_color_colorblind() +
  labs(x = "Bill length (mm)", y = "Bill depth (mm)") +
  theme_minimal()
```

Penguins

The table below shows the first 10 penguins from the dataset.

```
penguins |>
  slice_head(n = 10) |>
  select(species, island, bill_length_mm, bill_depth_mm) |>
  gt()
```

species	island	bill_length_mm	bill_depth_mm
Adelie	Torgersen	39.1	18.7
Adelie	Torgersen	39.5	17.4
Adelie	Torgersen	40.3	18.0
Adelie	Torgersen	NA	NA
Adelie	Torgersen	36.7	19.3
Adelie	Torgersen	39.3	20.6
Adelie	Torgersen	38.9	17.8
Adelie	Torgersen	39.2	19.6
Adelie	Torgersen	34.1	18.1

| Adelie | Torgersen | 42.0 | 20.2 |

Analysis

Modeling

- info about the model
- text about results
- comments about shortcomings

References