

quarto-revealjs

Data

Using the `penguins` dataset from [palmerpenguins](#) package. (Gorman, Williams, and Fraser 2014)

Rows: 344

Columns: 8

```
$ species      <fct> Adelie, Adelie, Adelie, Adelie, Adelie, Adelie, Adel~
$ island       <fct> Torgersen, Torgersen, Torgersen, Torgersen, Torgerse~
$ bill_length_mm <dbl> 39.1, 39.5, 40.3, NA, 36.7, 39.3, 38.9, 39.2, 34.1, ~
$ bill_depth_mm <dbl> 18.7, 17.4, 18.0, NA, 19.3, 20.6, 17.8, 19.6, 18.1, ~
$ flipper_length_mm <int> 181, 186, 195, NA, 193, 190, 181, 195, 193, 190, 186~
$ body_mass_g   <int> 3750, 3800, 3250, NA, 3450, 3650, 3625, 4675, 3475, ~
$ sex          <fct> male, female, female, NA, female, male, female, male~
$ year         <int> 2007, 2007, 2007, 2007, 2007, 2007, 2007, 2007, 2007~
```

Species

The figure below is a scatter plot of species of penguins.

To add *cross-reference*

1. Use word *fig* at the beginning of the label.

- *fig-bill-dims-species*

2. **For a caption**, use `#| fig-cap: A scatterplot of ...`.

- *Do not* use a pipe after “fig-cap:”

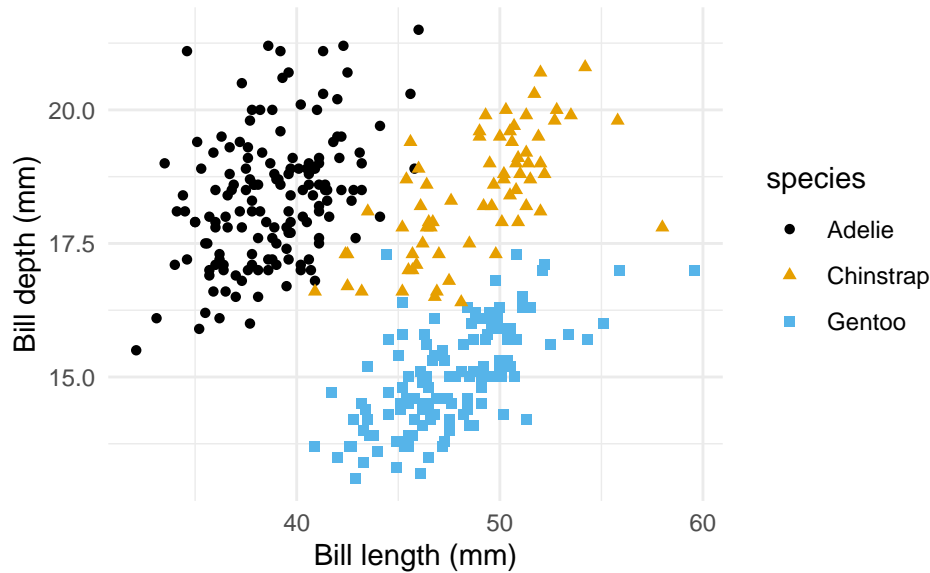


Figure 1: A scatterplot of penguins bill depth and length, colored by species of penguins.

Captioning and cross-referencing in Quarto

Make sure that the **cross-referencing** is set up correctly. To cross-reference the figure, you can use the `@fig-label` syntax in your Quarto document. For example, you can reference the figure like this:

As shown in Figure 1, there is a clear relationship between bill depth and length among different species of penguins.

To summarize: - Use the `#| fig-cap: "Your caption text"` syntax in the code chunk options to set the figure caption. - Use the `#| fig-alt: "Your alternative text"` syntax to provide alternative text for accessibility purposes. - Use the `@fig-label` syntax in your Quarto document to cross-reference the figure, replacing `label` with the actual label you assigned to the figure code chunk.

These features in Quarto allow you to create well-documented and accessible documents that are easy to navigate and reference.

If you have any more questions or need further assistance with Quarto, feel free to ask. I'm here to help you learn and make the most out of Quarto's features!

Penguins

Table 1 shows the first 10 penguins from the dataset.

Table 1: First 10 penguins

species	bill_length_mm	bill_depth_mm
Adelie	39.1	18.7
Adelie	39.5	17.4
Adelie	40.3	18.0
Adelie	NA	NA
Adelie	36.7	19.3
Adelie	39.3	20.6
Adelie	38.9	17.8
Adelie	39.2	19.6
Adelie	34.1	18.1
Adelie	42.0	20.2

Gorman, Kristen B., Tony D. Williams, and William R. Fraser. 2014. “Ecological Sexual Dimorphism and Environmental Variability Within a Community of Antarctic Penguins (Genus *Pygoscelis*).” Edited by André Chiaradia. *PLoS ONE* 9 (3): e90081. <https://doi.org/10.1371/journal.pone.0090081>.