

Data visualisation

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Acknowledgements

The content of this module are based on materials from:

olivier gimenez's materials

CHINSTRAP!



GENTOO!



ADÉLIE!



@allison_horst

Motivation

We use data from package `palmerpenguins` to familiarize ourselves with data visualization with the tidyverse. We first load the packages we will need.

```
library(palmerpenguins)  
library(tidyverse)
```

Question 1

- a. Build a histogram of body mass.
- b. Fill in histogram with a color per species.
- c. Change the color by default to darkorange, purple and cyan4.
- d. Adjust transparency for all three histograms.
- e. Add a title to the axes, the legend and the figure.
- f. Change the theme used by default.
- g. Do a-f for males and females and display on same figure.

Question 2

- a. Build a scatter plot of body mass wither respect to flipper length.
- b. Consider a shape for the points different for each species. Increase point size and adjust transparency.
- c. Consider a color for the points different for each species. Increase point size and adjust transparency.
- d. Combine b-c.
- e. Change colors to darkorange, purple and cyan4. Add titles to axes, legend and figure.