ggplot_hook

oxbar

2022-11-03

Setting up my environment

Notes: setting up my R environment by loading the 'tidyverse' and 'palmer penguins' packages

```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.2 --
## v ggplot2 3.3.6      v purrr   0.3.5
## v tibble  3.1.8      v dplyr   1.0.10
## v tidyr   1.2.1      v stringr 1.4.1
## v readr   2.1.3      v forcats 0.5.2
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(palmerpenguins)
```

Visualizations

Here we will go through a series of visualizations

Flipper and body mass in purple

Here, we plot flipper length against body mass

```
ggplot(data=penguins, aes(x=flipper_length_mm,y=body_mass_g)) + geom_point(color="purple")
```

```
## Warning: Removed 2 rows containing missing values (geom_point).
```
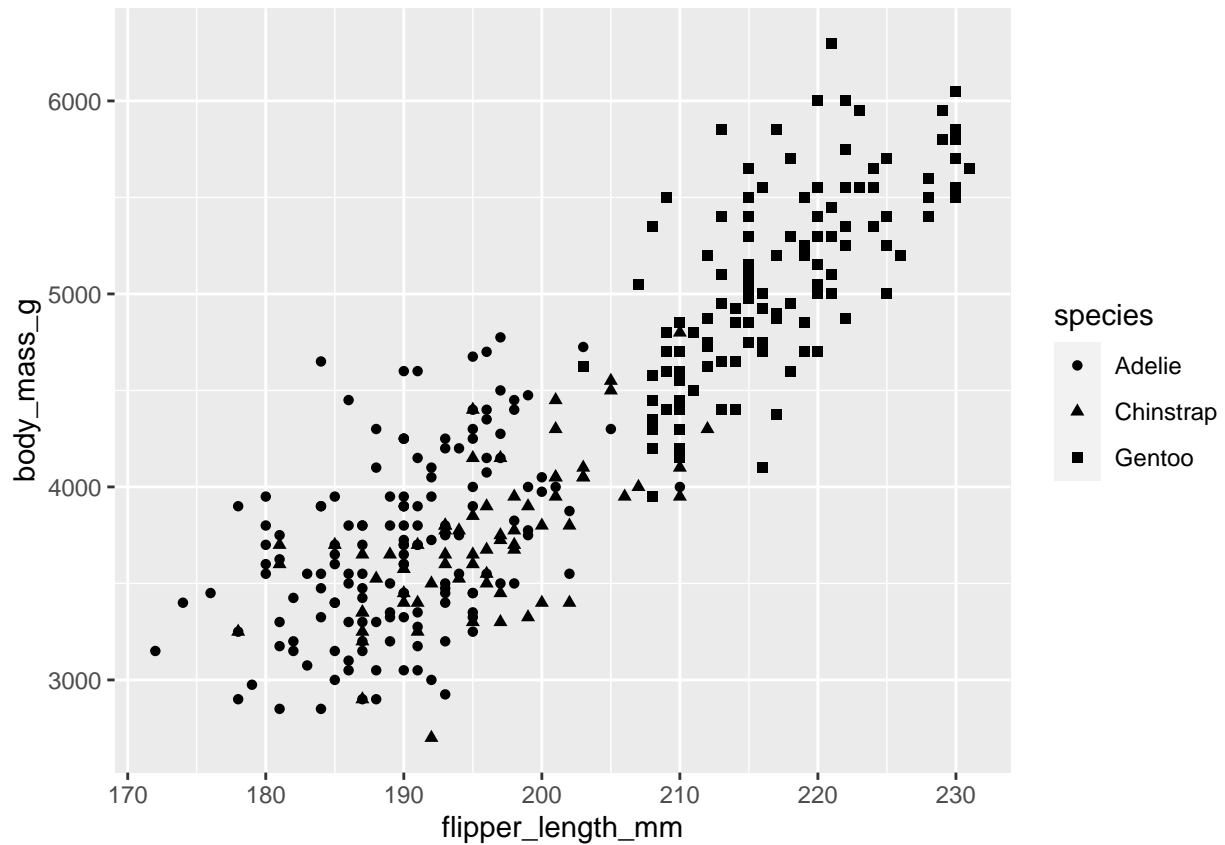
Flipper and body mass by species

Here, we plot flippter length against body mass and look at the breakdown by species

```
ggplot(data=penguins, aes(x=flipper_length_mm,y=body_mass_g)) + geom_point(aes(shape=species))
```

```
## Warning: Removed 2 rows containing missing values (geom_point).
```

Flipper and body mass by species and sex

Here, we plot flipper length against body mass and look at the breakdown by species and sex

```
ggplot(data=penguins, aes(x=flipper_length_mm,y=body_mass_g)) + geom_point(aes(color=species,shape=spec
```

```
## Warning: Removed 2 rows containing missing values (geom_point).
```