

ggplot_hook

Yusuf

2023-01-12

Setting up my environment

Note: setting up my R environment by loading the ‘tidyverse’ and ‘palmerpenguins’ packages

```
library(tidyverse)

## -- Attaching packages ----- tidyverse 1.3.2 --
## v ggplot2 3.4.0      v purrr   1.0.0
## v tibble  3.1.8      v dplyr  1.0.10
## v tidyr   1.2.1      v stringr 1.5.0
## 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)
```

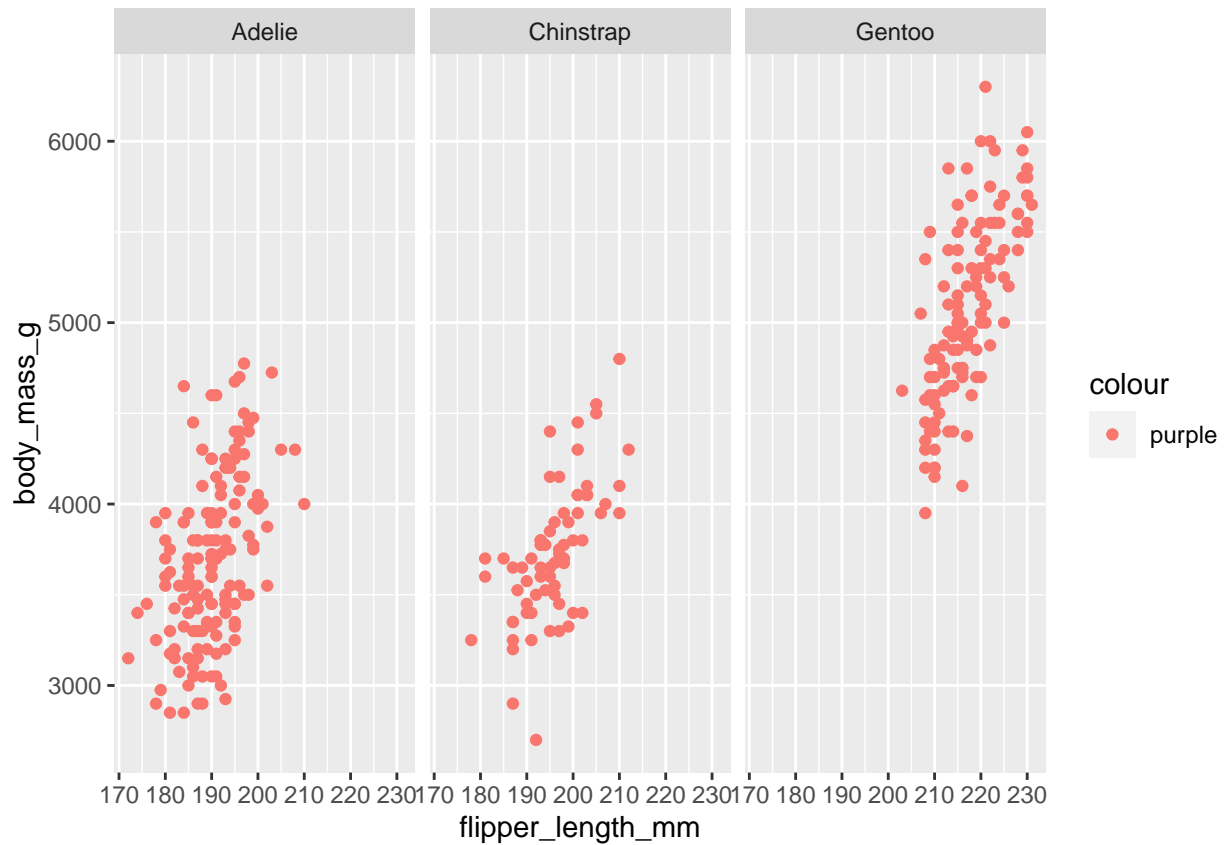
Here we will go through a series of visualizations

Flipper and Body mass in purple

here , we plot flipperlength against body mass

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

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



Flipper and Body mass species

here , we plot flipperlength 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(color = species))+  
  facet_wrap(~species)
```

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



Flipper and Body mass species

here , we plot flipperlength against body mass and look at the breakdown by species and sex

```
ggplot(data = penguins)+
  geom_point(mapping = aes(x = flipper_length_mm, y = body_mass_g, color = species, shape = species)) +
  facet_grid(sex ~ species)
```

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

