R - Data Cleaning & Visualization

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setting up my enviroment

Notes: setting up R environment by loading the “tidyverse” and “plamerpenguins” packages.

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

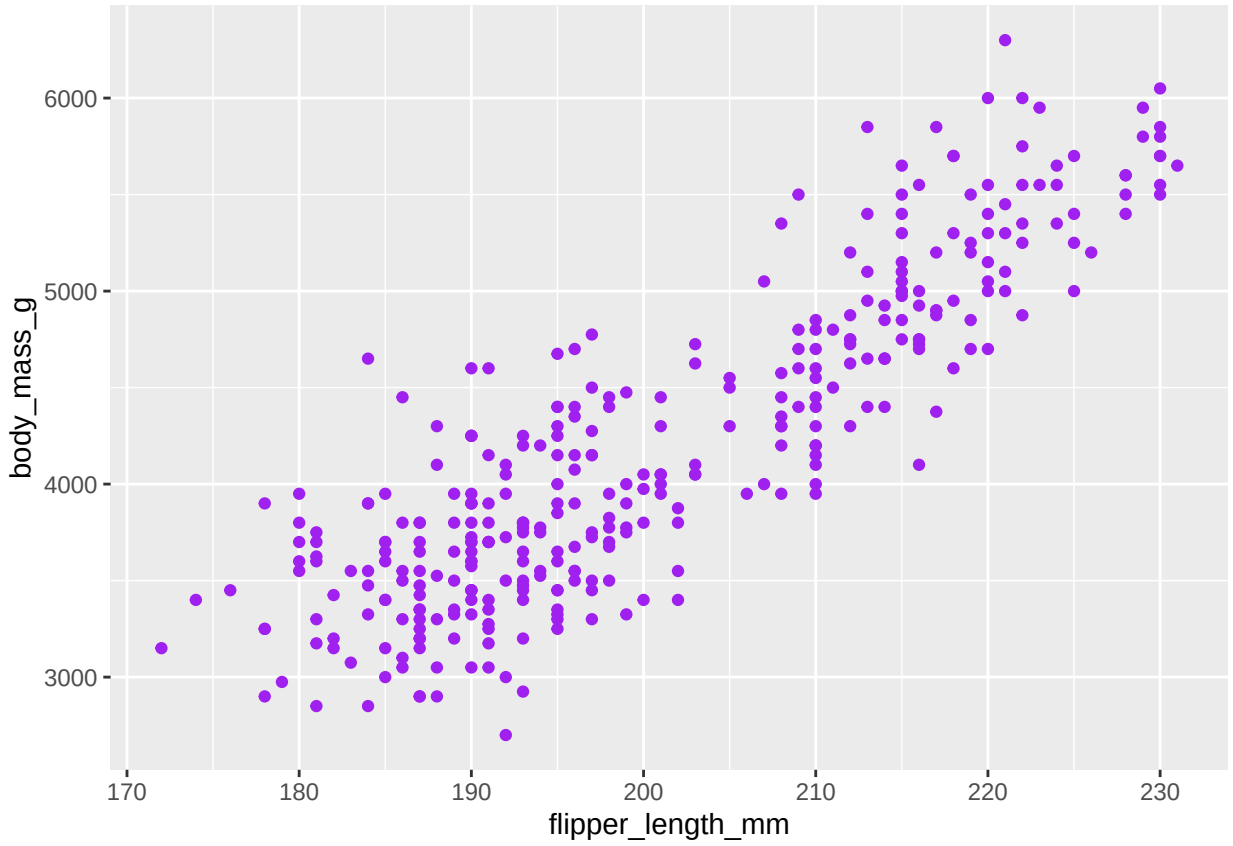
Visualziations

Here we will go through a series of Visualizations

Flipper and Body Mass in Purple

Here, we plot flipper length against body mass

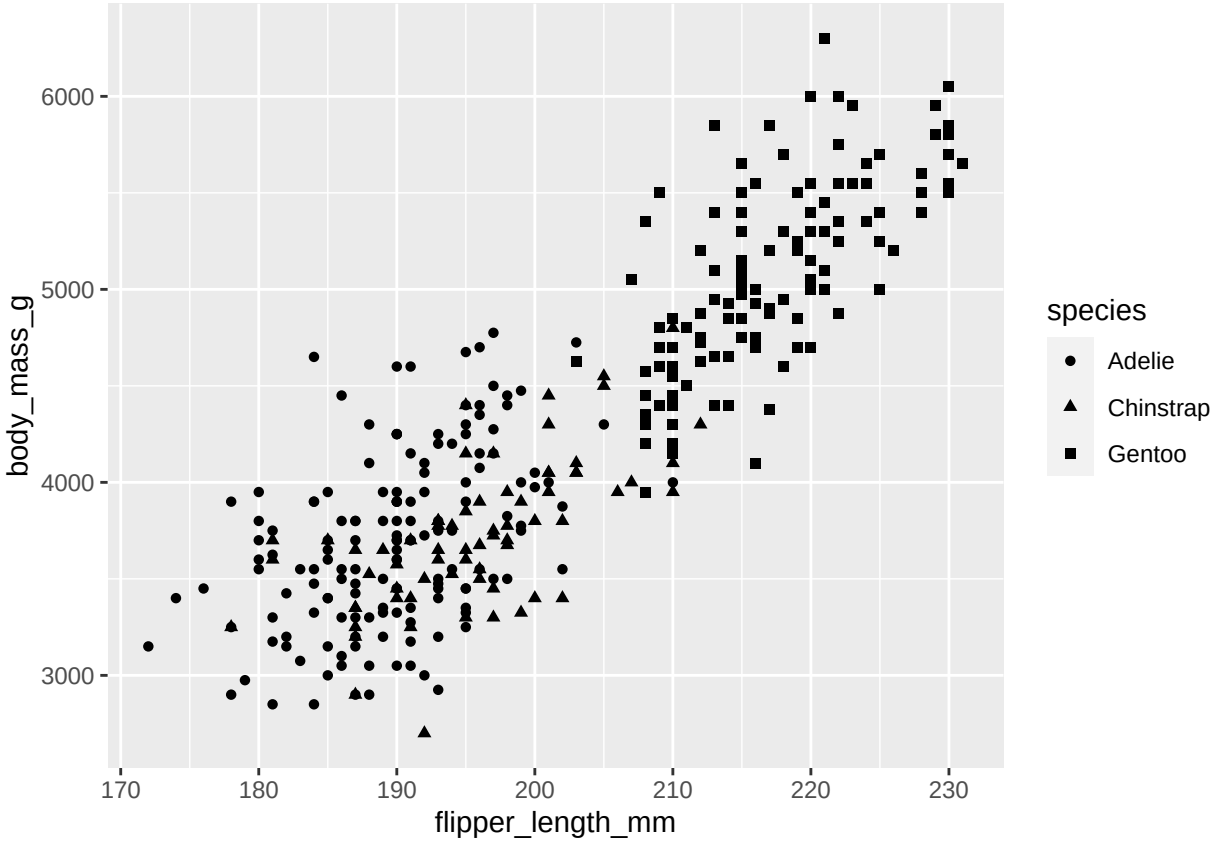
```
ggplot(data = penguins, aes(x = flipper_length_mm, y = body_mass_g))+ geom_point( color = "purple")
```



Flipper and Body Mass by species

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

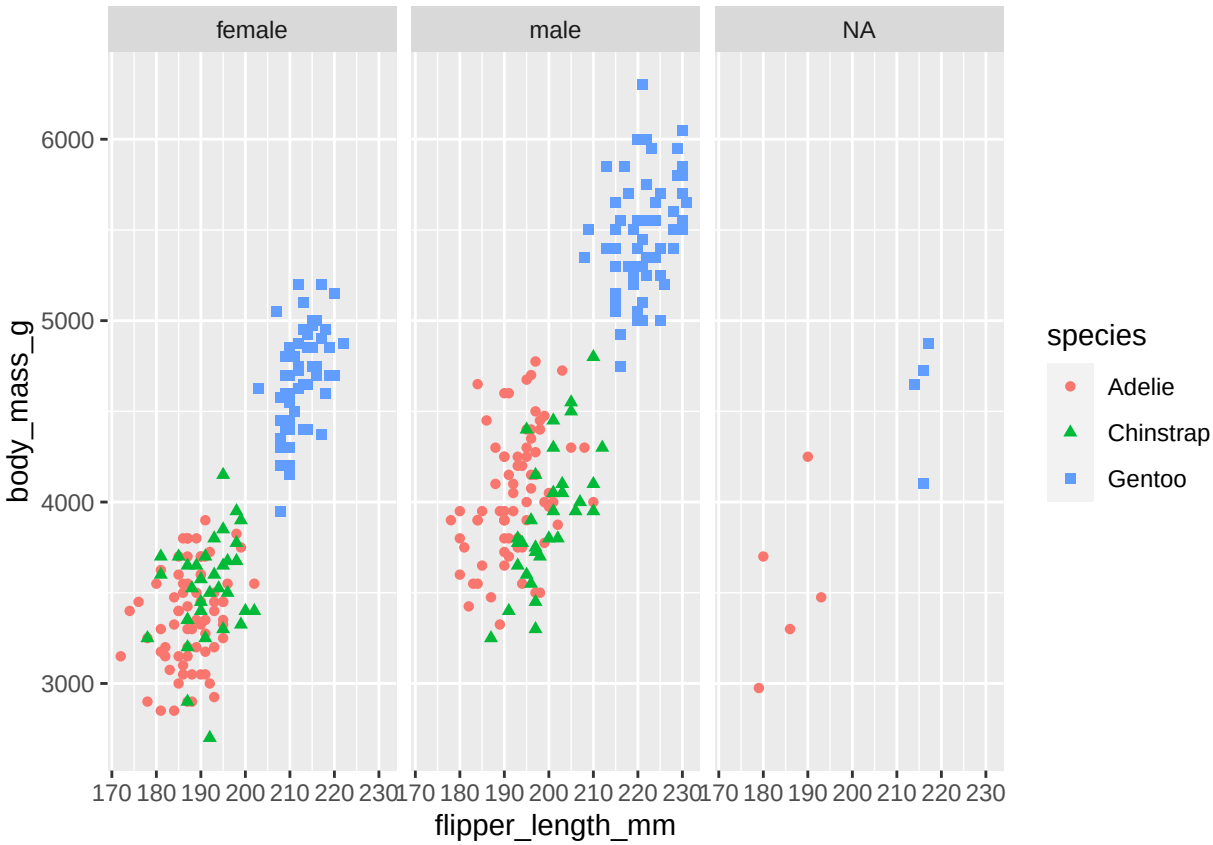
```
ggplot(data = penguins, aes(x = flipper_length_mm, y = body_mass_g))+ geom_point(aes(shape=species))
```



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(shape=species, col
```


female
male
NA
6000
5000
4000
3000
body_mass_g
170 180 190 200 210 220 230
flipper_length_mm
species
Adelie
Chinstrap
Gentoo