Palmer Penguins Project

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Palmer Penguins Project: Practice Analysis

Setting up my environment

Notes: setting up my R environment by installing and loading the 'tidyverse', 'ggplot2' and 'palmerpenguins' packages

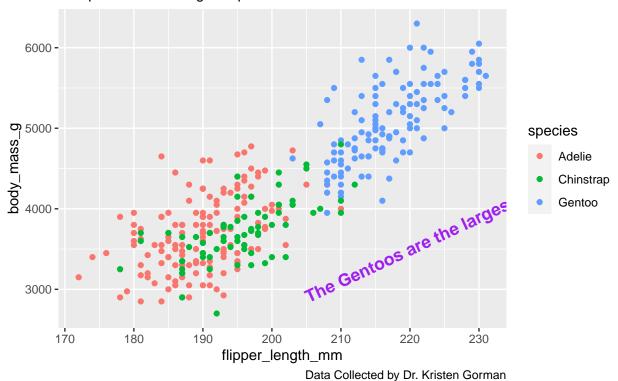
```
install.packages("tidyverse")
## Installing package into '/cloud/lib/x86_64-pc-linux-gnu-library/4.1'
## (as 'lib' is unspecified)
library(tidyverse)
## -- Attaching packages -----
                                         ----- tidyverse 1.3.1 --
## v ggplot2 3.3.5
                    v purrr
                             0.3.4
## v tibble 3.1.6
                    v dplyr
                             1.0.7
## v tidyr
           1.1.4
                    v stringr 1.4.0
## v readr
           2.1.0
                    v forcats 0.5.1
## -- Conflicts -----
                                   ## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                  masks stats::lag()
library(ggplot2)
library(palmerpenguins)
```

Structure of the penguins dataset

Running the code to get the scatterplot to show the relationship between flipper length and body mass of three penguin species

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

Palmer Penguins: Body Mass Vs Flipper Length Sample of Three Penguin Species



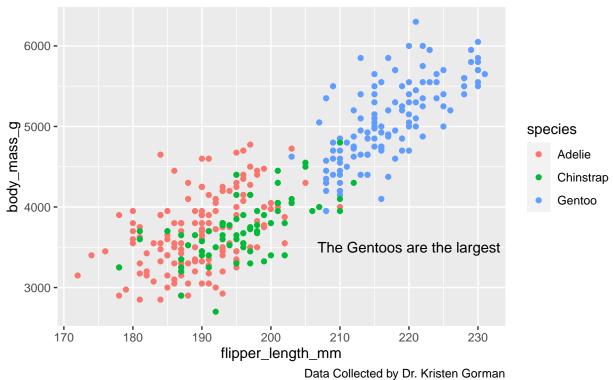
Breaking my code by assigning a portion to a new variable 'p' to reduce the length of my codes

Join the variable 'p' with the code showing some annotations on the plot

```
p + annotate("text", x=220,y=3500, label="The Gentoos are the largest")
```

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

Palmer Penguins: Body Mass Vs Flipper Length Sample of Three Penguin Species



Conclusion: The Gentoos species are the largest among the three species and they have longer flipper length and body mass compared to Adelie and Chunstrap