

CodeChunkRMarkdown

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Palmer Penguins Dataset Load

```
library(tinytex)
library(ggplot2)

library(palmerpenguins)

data(penguins)

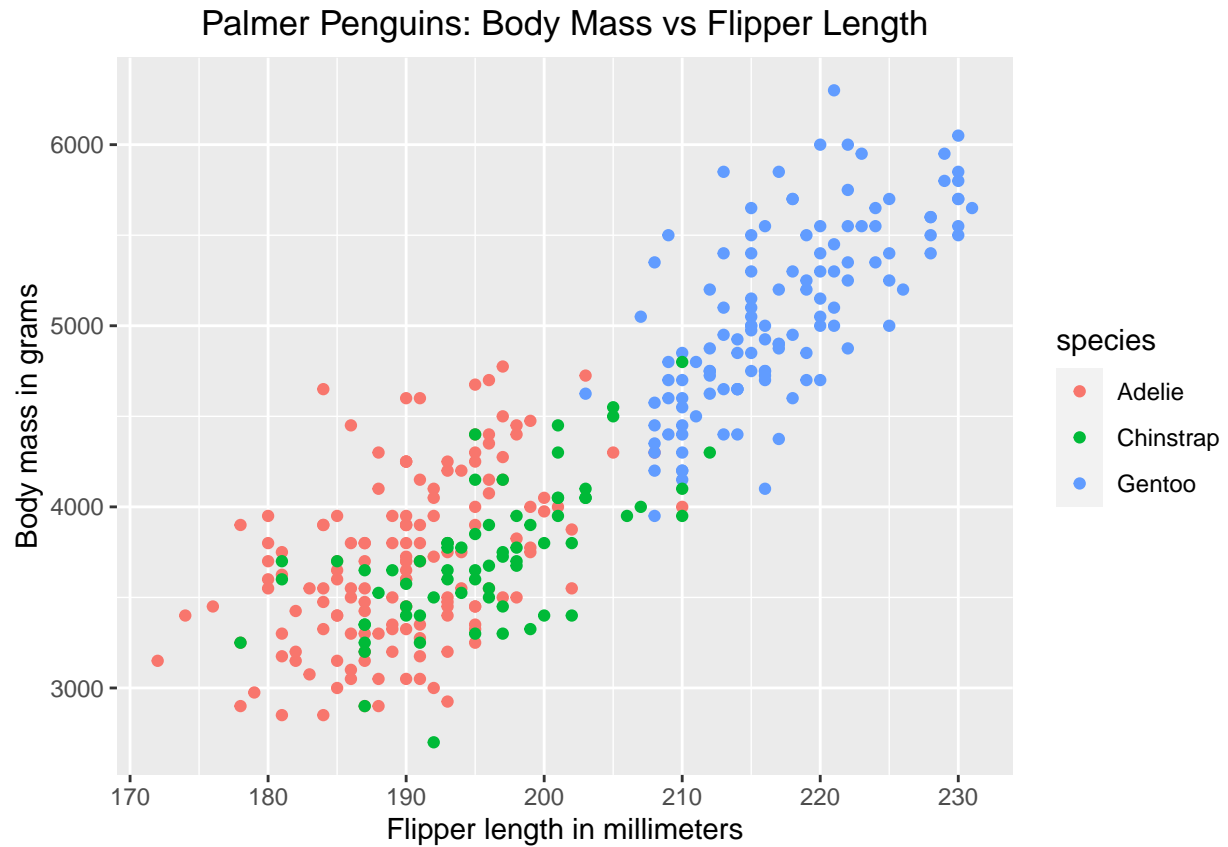
View(penguins)
```

Dataset Visualization

```
s <- ggplot(data = penguins) +

  geom_point(mapping = aes(x = flipper_length_mm, y = body_mass_g, color=species))
s + labs(title= "Palmer Penguins: Body Mass vs Flipper Length") +
  theme(plot.title = element_text(hjust=0.5)) +
  labs(x = "Flipper length in millimeters") +
  labs(y = "Body mass in grams")
```

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



Through this comparison of flipper length to body mass a positive correlation between the two variables is revealed. As the flipper length increases, so does the body mass. The larger the penguin, the longer the flipper length is.