

w6_penguin_practice

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Week 6 Lecture

Practicing R Markdown with Palmer penguin data

Today we are going to work with the penguin data to learn *RMarkdown*

Load Libraries

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

Inspect the data

```
glimpse(penguins)
```

```
## Rows: 344
## Columns: 8
## $ species      <fct> Adelie, Adelie, Adelie, Adelie, Adelie, Adelie, Adel~
## $ island       <fct> Torgersen, Torgersen, Torgersen, Torgersen, Torgerse~
## $ bill_length_mm <dbl> 39.1, 39.5, 40.3, NA, 36.7, 39.3, 38.9, 39.2, 34.1, ~
## $ bill_depth_mm <dbl> 18.7, 17.4, 18.0, NA, 19.3, 20.6, 17.8, 19.6, 18.1, ~
## $ flipper_length_mm <int> 181, 186, 195, NA, 193, 190, 181, 195, 193, 190, 186~
## $ body_mass_g   <int> 3750, 3800, 3250, NA, 3450, 3650, 3625, 4675, 3475, ~
## $ sex           <fct> male, female, female, NA, female, male, female, male~
## $ year          <int> 2007, 2007, 2007, 2007, 2007, 2007, 2007, 2007, 2007~
```

Making a plot!

```
penguins %>%
  ggplot(aes(x = species, y = body_mass_g)) +
  geom_boxplot() +
  geom_point(alpha = 0.3, position = "jitter") +
  theme_bw() +
  labs(y = "Body Mass (g)",
       x = "Species")
```

