Adam's Theme

Packages

```
library(tidyverse)
theme_set(theme_bw())
```

Penguins data

```
penguins <- palmerpenguins::penguins %>%
  drop_na()

glimpse(penguins)
```

```
## Rows: 333
## 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, 36.7, 39.3, 38.9, 39.2, 41.1, 38.6~
## $ bill_depth_mm     <dbl> 18.7, 17.4, 18.0, 19.3, 20.6, 17.8, 19.6, 17.6, 21.2~
## $ flipper_length_mm <int> 181, 186, 195, 193, 190, 181, 195, 182, 191, 198, 18~
## $ body_mass_g       <int> 3750, 3800, 3250, 3450, 3650, 3625, 4675, 3200, 3800~
## $ sex               <fct> male, female, female, female, male, female, male, fe~
## $ year              <int> 2007, 2007, 2007, 2007, 2007, 2007, 2007, 2007, 2007~
```

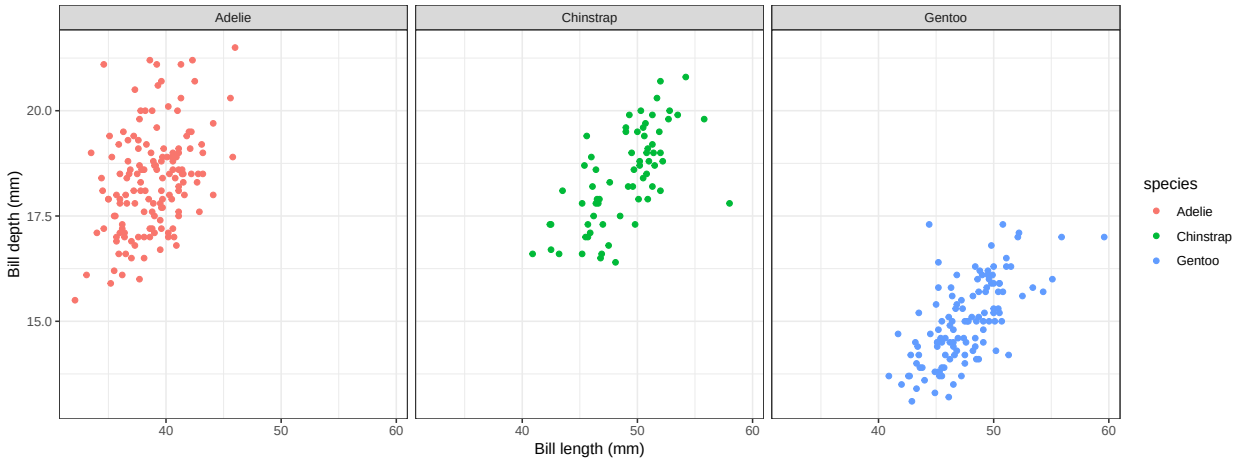
```
new_peng <- penguins %>%
  mutate(diff1 = bill_length_mm - mean(bill_length_mm)) %>%
  group_by(species, island) %>%
  mutate(diff2 = bill_length_mm - mean(bill_length_mm)) %>%
  ungroup() %>%
  select(species, island, bill_length_mm, contains("diff"))

new_peng
```

```
## # A tibble: 333 x 5
##    species island    bill_length_mm diff1   diff2
##    <fct>   <fct>              <dbl> <dbl>   <dbl>
##  1 Adelie  Torgersen           39.1 -4.89  0.0617
##  2 Adelie  Torgersen           39.5 -4.49  0.462
##  3 Adelie  Torgersen           40.3 -3.69  1.26
##  4 Adelie  Torgersen           36.7 -7.29 -2.34
##  5 Adelie  Torgersen           39.3 -4.69  0.262
##  6 Adelie  Torgersen           38.9 -5.09 -0.138
##  7 Adelie  Torgersen           39.2 -4.79  0.162
##  8 Adelie  Torgersen           41.1 -2.89  2.06
##  9 Adelie  Torgersen           38.6 -5.39 -0.438
## 10 Adelie  Torgersen           34.6 -9.39 -4.44
```

```
## # ... with 323 more rows
```

```
ggplot(penguins, aes(x=bill_length_mm, y=bill_depth_mm)) +
  geom_point(aes(colour=species)) +
  facet_wrap(~species, nrow=1) +
  labs(x="Bill length (mm)", y="Bill depth (mm)")
```



Everything else

```
# This chunk starts with a comment

if else while for
TRUE FALSE NA NULL

# Quoted variables:
`s2@_df` <- 3

1 2 3 4 5 6 7 8 9 10
```