WS #4 - `ggplot`

Monday, September 9, 2024

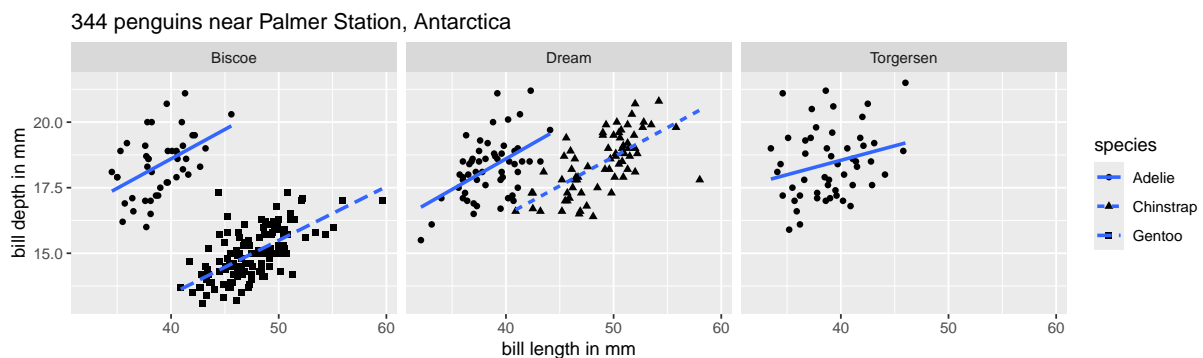## DS 002R - Jo Hardin

Your Name: _____

Names of people you worked with: _____

Introduce yourself. What did you do this weekend? (No need to write down anything.)

Task: Consider the `penguins` dataset (from the **pamperpenguins** package) of 344 penguins near Palmer Station, Antarctica. Fill in each of the blanks in the **ggplot2** code.

```
# A tibble: 2 x 8
  species island    bill_length_mm bill_depth_mm flipper_length_mm body_mass_g
  <fct>   <fct>              <dbl>         <dbl>             <int>       <int>
1 Adelie  Torgersen           39.1          18.7               181        3750
2 Adelie  Torgersen           39.5          17.4               186        3800
# i 2 more variables: sex <fct>, year <int>
```

```
__A__(__B__, __C__(x = __D__, y = __E__)) +
  __F__(__G__(__H__ = __I__)) +
  geom_smooth(method = "lm", se = FALSE,
              __J__(linetype = __K__)) +
  facet_wrap( ~ __M__) +
  labs( __N__ = "bill length in mm",
        __O__ = "bill depth in mm",
        __P__ = "344 penguins near Palmer Station, Antarctica")
```

344 penguins near Palmer Station, Antarctica

```
ggplot(penguins,
       aes(x = bill_length_mm, y = bill_depth_mm)) +
  geom_point(aes(shape = species)) +
  geom_smooth(method = "lm", se = FALSE,
              aes(linetype = species)) +
  facet_wrap( ~ island) +
  labs( x = "bill length in mm",
        y = "bill depth in mm",
        title = "344 penguins near Palmer Station, Antarctica")
```


344 penguins near Palmer Station, Antarctica