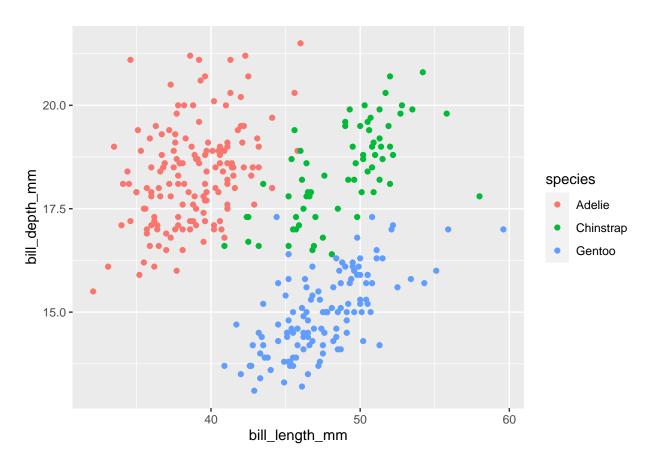
Visualizations of Penguin_dataset

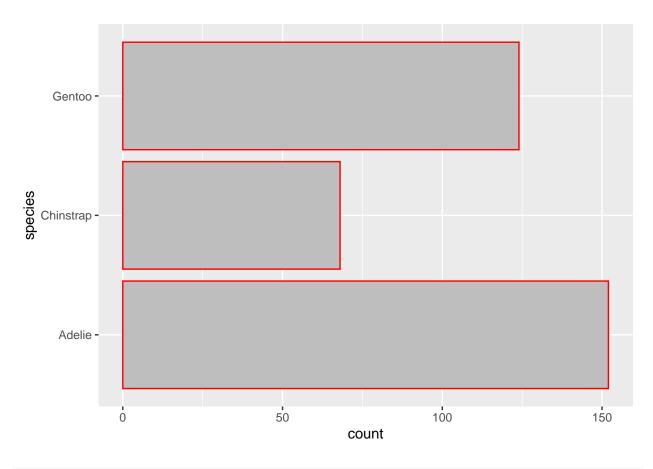
Michael Mbajwa

11/12/2021

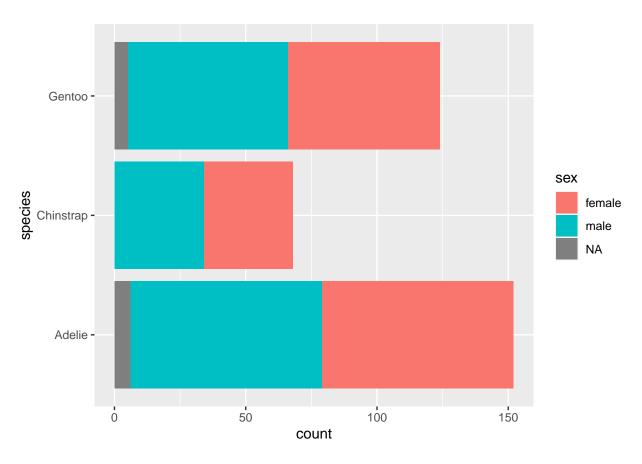
```
# Load useful datasets
library(palmerpenguins)
library(tidyverse)
## -- Attaching packages -----
                                           ----- tidyverse 1.3.1 --
## v ggplot2 3.3.5
                     v purrr
                              0.3.4
## v tibble 3.1.3
                     v dplyr
                              1.0.7
## v tidyr 1.1.3 v stringr 1.4.0
## v readr
          2.0.1
                    v forcats 0.5.1
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                   masks stats::lag()
library(ggplot2)
library(hrbrthemes)
## NOTE: Either Arial Narrow or Roboto Condensed fonts are required to use these themes.
##
        Please use hrbrthemes::import_roboto_condensed() to install Roboto Condensed and
        if Arial Narrow is not on your system, please see https://bit.ly/arialnarrow
penguins
## # A tibble: 344 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
                               39.5
                                            17.4
## 2 Adelie Torgersen
                                                               186
                                                                         3800
                                            18
                               40.3
                                                               195
                                                                         3250
## 3 Adelie Torgersen
## 4 Adelie Torgersen
                               NA
                                                               NA
                                                                          NA
## 5 Adelie Torgersen
                               36.7
                                             19.3
                                                               193
                                                                         3450
## 6 Adelie Torgersen
                               39.3
                                             20.6
                                                               190
                                                                         3650
                              38.9
                                             17.8
## 7 Adelie Torgersen
                                                               181
                                                                         3625
## 8 Adelie Torgersen
                               39.2
                                             19.6
                                                               195
                                                                         4675
## 9 Adelie Torgersen
                               34.1
                                             18.1
                                                               193
                                                                         3475
## 10 Adelie Torgersen
                               42
                                                                         4250
## # ... with 334 more rows, and 2 more variables: sex <fct>, year <int>
```

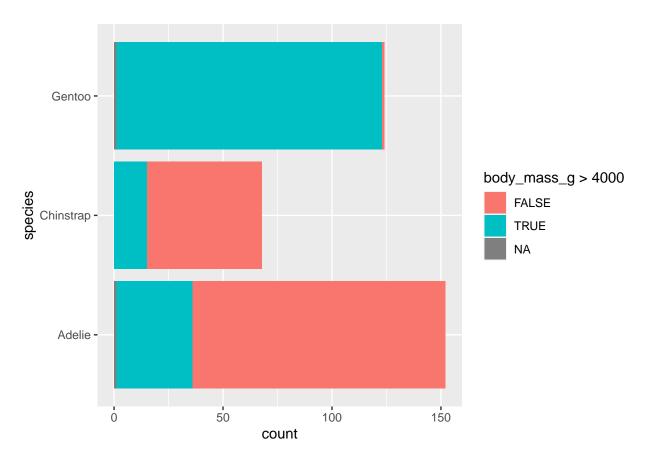


```
penguins %>%
  ggplot(aes(y = species)) +
  geom_bar(fill = 'grey', colour = 'red')
```

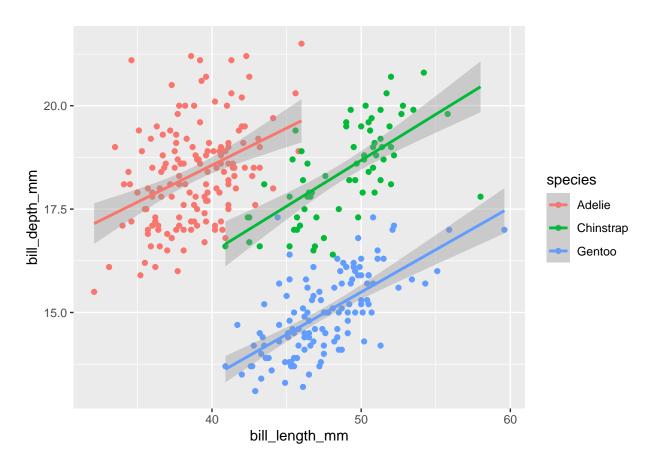


```
# See the count of species
penguins %>%
   ggplot() +
   geom_bar(aes(y = species, fill = sex))
```



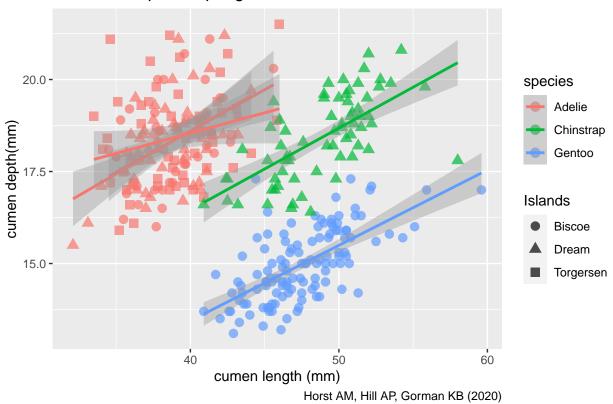


Warning: Removed 2 rows containing non-finite values (stat_smooth).

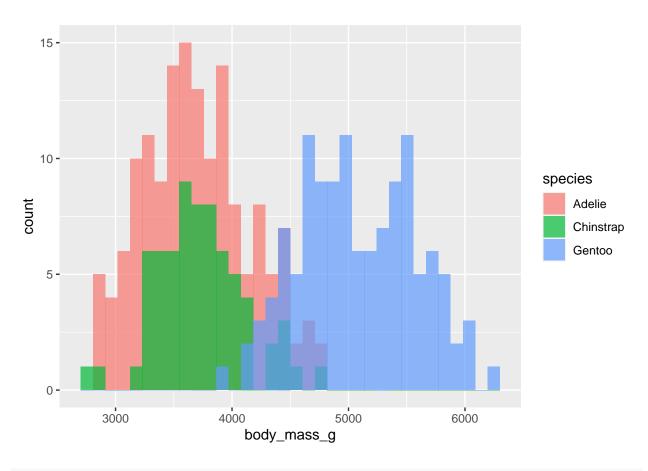


- ## Warning: Removed 2 rows containing non-finite values (stat_smooth).
- ## Warning: Removed 2 rows containing missing values (geom_point).

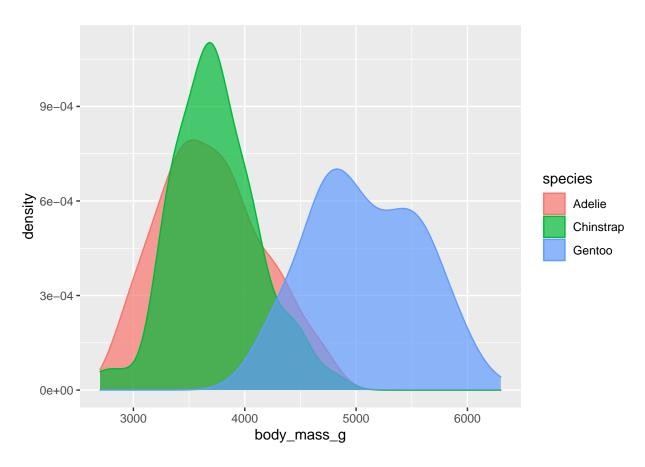
Bill ration of palmer penguins

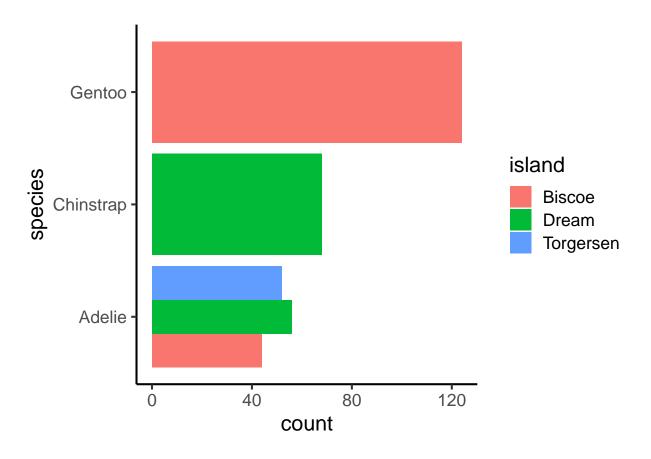


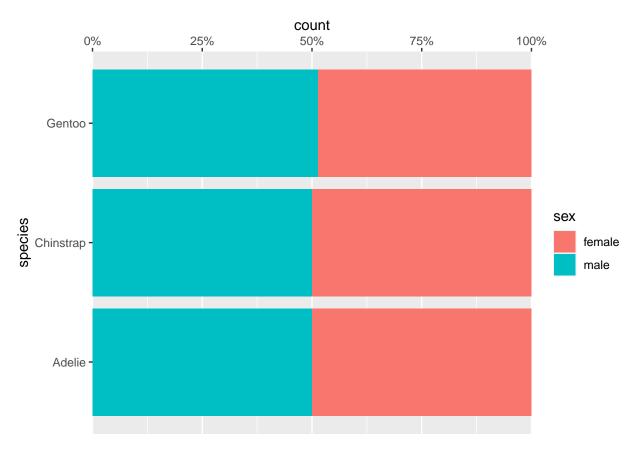
Warning: Removed 2 rows containing non-finite values (stat_bin).

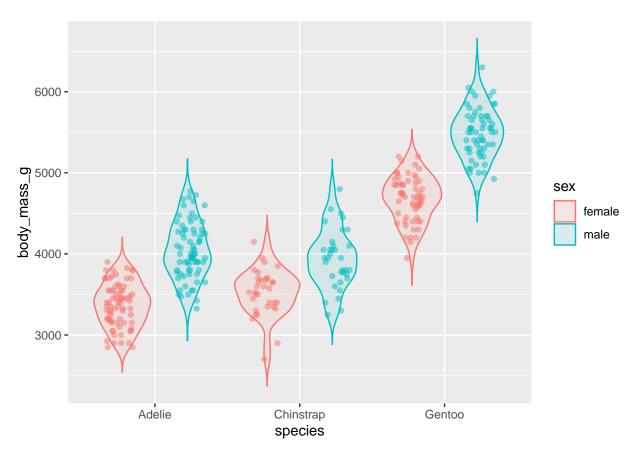


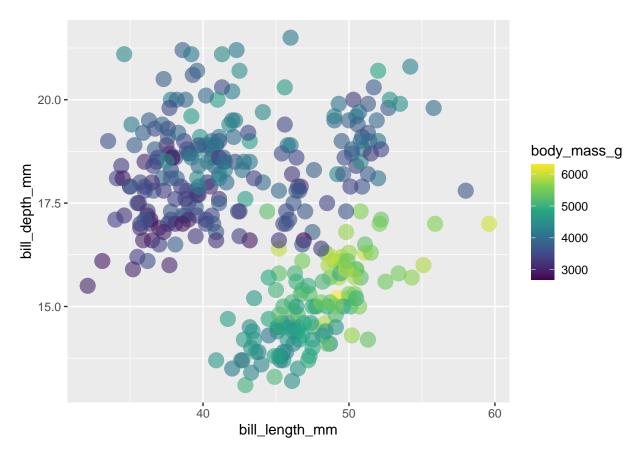
Warning: Removed 2 rows containing non-finite values (stat_density).





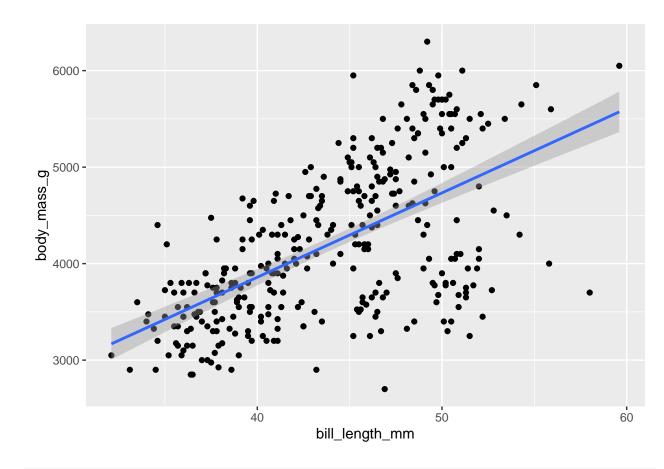


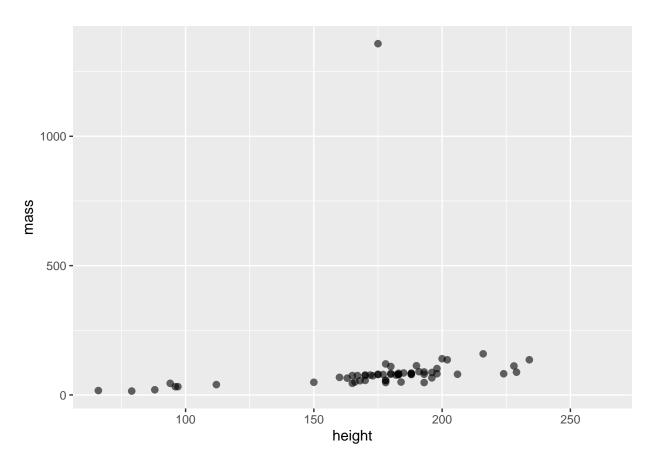


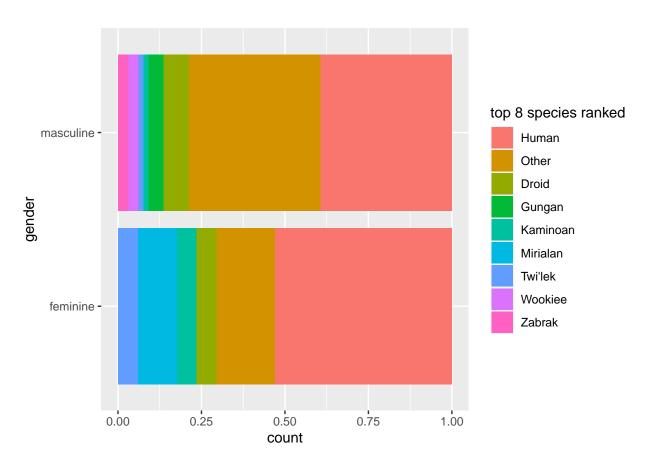


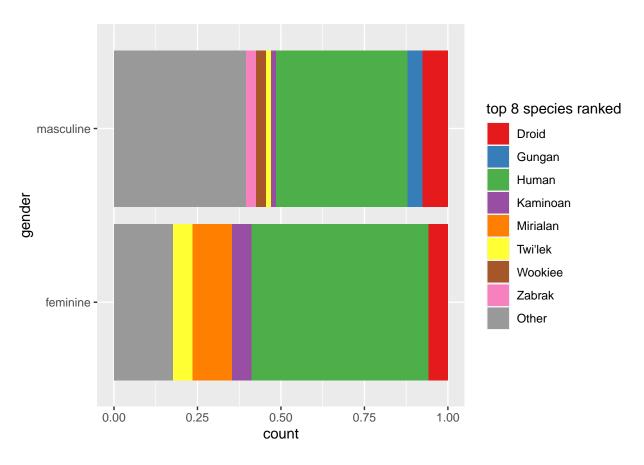
'geom_smooth()' using formula 'y ~ x'

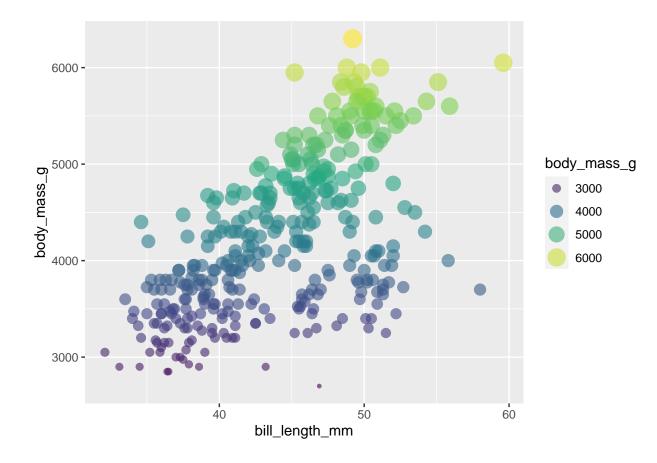
Warning: Removed 2 rows containing non-finite values (stat_smooth).

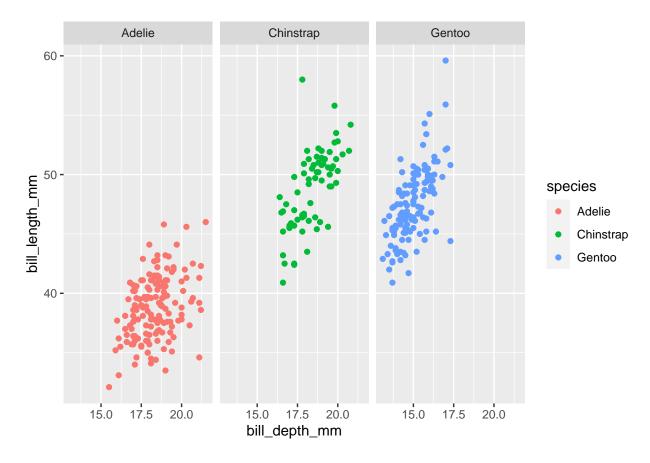




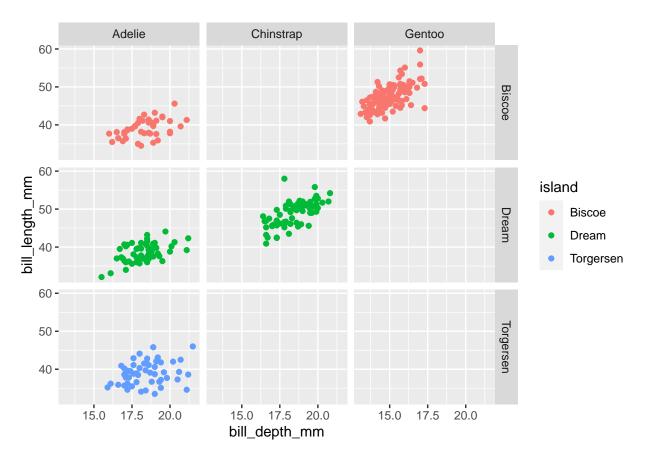








Warning: Duplicated aesthetics after name standardisation: colour



Palmer Penguins

