Lesson

Anders

1. Importing my data usring vroom

As I understand vroom is just an automated readr.

Split-Apply-Combine

This s technique for taking a dataset. Splitting it up for something (i.e. male/female). Doing something to it, and bringing it back.

- Split = Split data into groups
- Apply = you do something to data based on the split
- Combine = Combine the data back up

```
mmash %>%
  group_by(day) %>%
  summarise(across(
    c(age, weight, height),
    list(mean = mean, sd = sd, max = max, min = min),
    na.rm = T
  ))
```

```
## Warning in fn(col, ...): no non-missing arguments to max; returning -Inf

## Warning in fn(col, ...): no non-missing arguments to min; returning Inf

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## Warning in fn(col, ...): no non-missing arguments to min; returning Inf

## Warning in fn(col, ...): no non-missing arguments to max; returning -Inf

## Warning in fn(col, ...): no non-missing arguments to min; returning Inf
```

```
## # A tibble: 4 x 13
##     day age_mean age_sd age_max age_min weight_mean weight_sd weight_max
##   <dbl>    <dbl>  <dbl>   <dbl>   <dbl>       <dbl>     <dbl>      <dbl>
## 1   -29    NaN    NA       -Inf     Inf        NaN        NA         -Inf
## 2     1     26.0   7.28      40       0         75.3      13.1        115
## 3     2     26.0   7.28      40       0         75.3      13.1        115
## 4    NA     28    NA         28      28         70        NA          70
## # ... with 5 more variables: weight_min <dbl>, height_mean <dbl>,
## #   height_sd <dbl>, height_max <dbl>, height_min <dbl>
```

Pivoting