

The `gganimate` package

- The new `gganimate` package currently needs to be installed separately from the core tidyverse packages.
- It follows the Tidyverse philosophy and extends the capabilities of the `ggplot()` function - in many ways it's like adding an extra layer to your plots in the same way you might use `facet_wrap()` but specifying parameters related to your animation frames (and how to transition between those frames).
- Let's look at some examples...

The data

- Our data set contains information from a cafe about the number of teas and coffees (Product) sold (n_sold) from minutes since opening (Time).

```
> str(data)
Classes 'tbl_df', 'tbl' and 'data.frame': 200 obs. of 3 variables:
 $ Product: Factor w/ 2 levels "coffee","tea": 1 1 1 1 1 1 1 1 1 1 ...
 $ Time   : int  3 8 9 10 12 13 14 15 20 22 ...
 $ n_sold : int  1 2 3 4 5 6 7 8 9 10 ...
```

```
> head(data)
# A tibble: 6 x 3
  Product Time n_sold
  <fct>   <int> <int>
1 coffee     3     1
2 coffee     8     2
3 coffee     9     3
4 coffee    10     4
5 coffee    12     5
6 coffee    13     6
```