



## Item Navigation

# Filtering and plots

By this point you have likely downloaded at least a few packages into your R library. The tools in some of these packages can actually be combined and used together to become even more useful. This reading will share a few resources that will teach you how to use the filter function from **dplyr** to make the plots you create with **ggplot2** easier to read.



## Example of filtering data for plotting

Filtering your data before you plot it allows you to focus on specific subsets of your data and gain more targeted insights. To do this, just include the `dplyr filter()` function in your `ggplot` syntax.

### Example code

```
data %>%  
  filter(variable1 == "DS") %>%  
  ggplot(aes(x = weight, y = variable2, colour = variable1)) +  
  geom_point(alpha = 0.3, position = position_jitter()) +  
  stat_smooth(method = "lm")
```

## Additional resources

To learn more details about `ggplot2` and filtering with `dplyr`, check out these resources: