

# Intro to R

Data Visualization with Esquisse

# Esquisse Package

```
# install.packages("esquisse")  
library(esquisse)
```

# Esquisse Package

The [esquisse package](#) is helpful for getting used to creating plots in R.

It is an interactive tool to help you in RStudio.

It's super **nifty**!



# Starting a plot

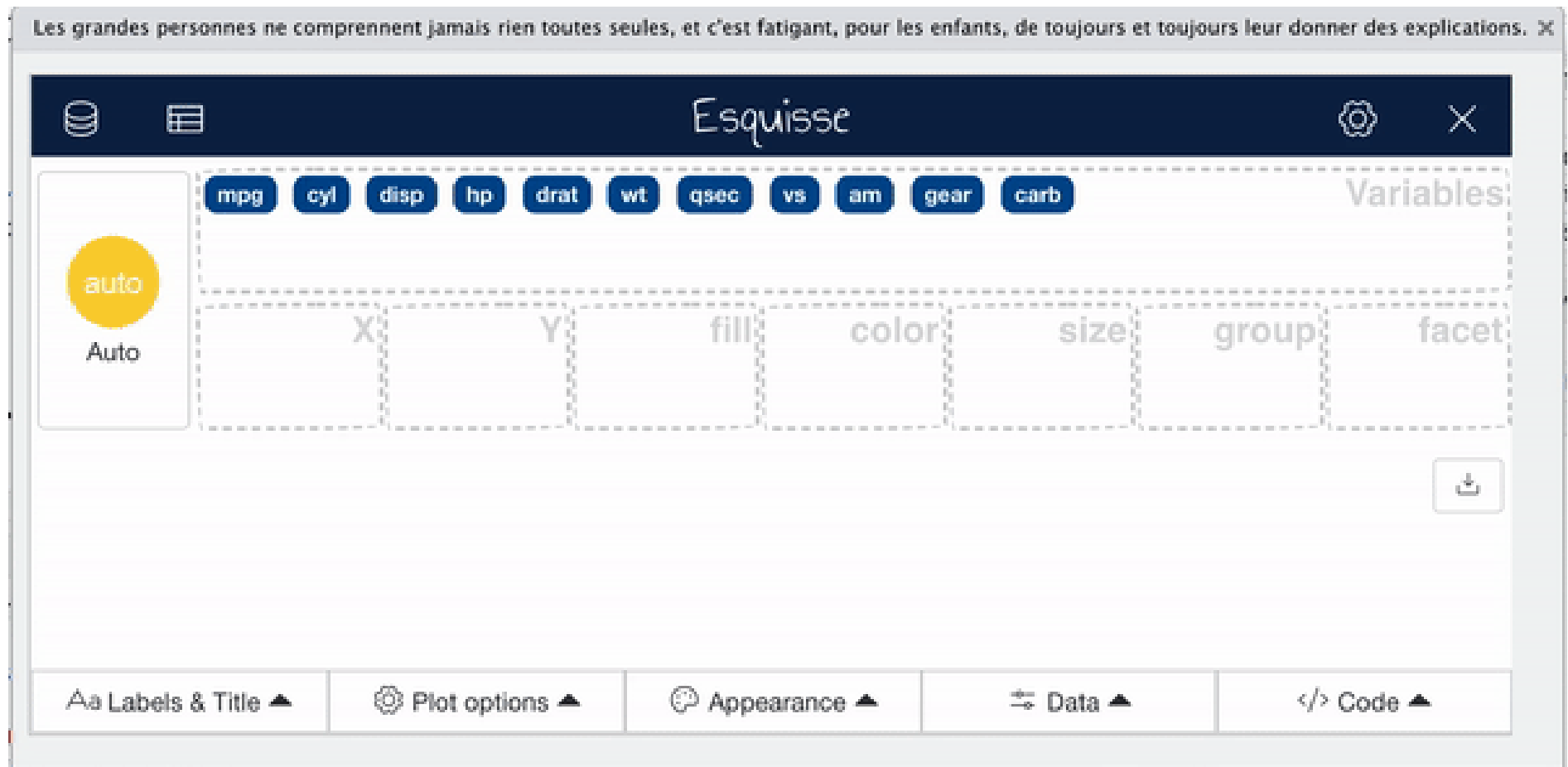
Using the `esquisser()` function you can start creating a plot for a `data.frame` or `tibble`. That's it!

```
esquisser(mtcars)
```



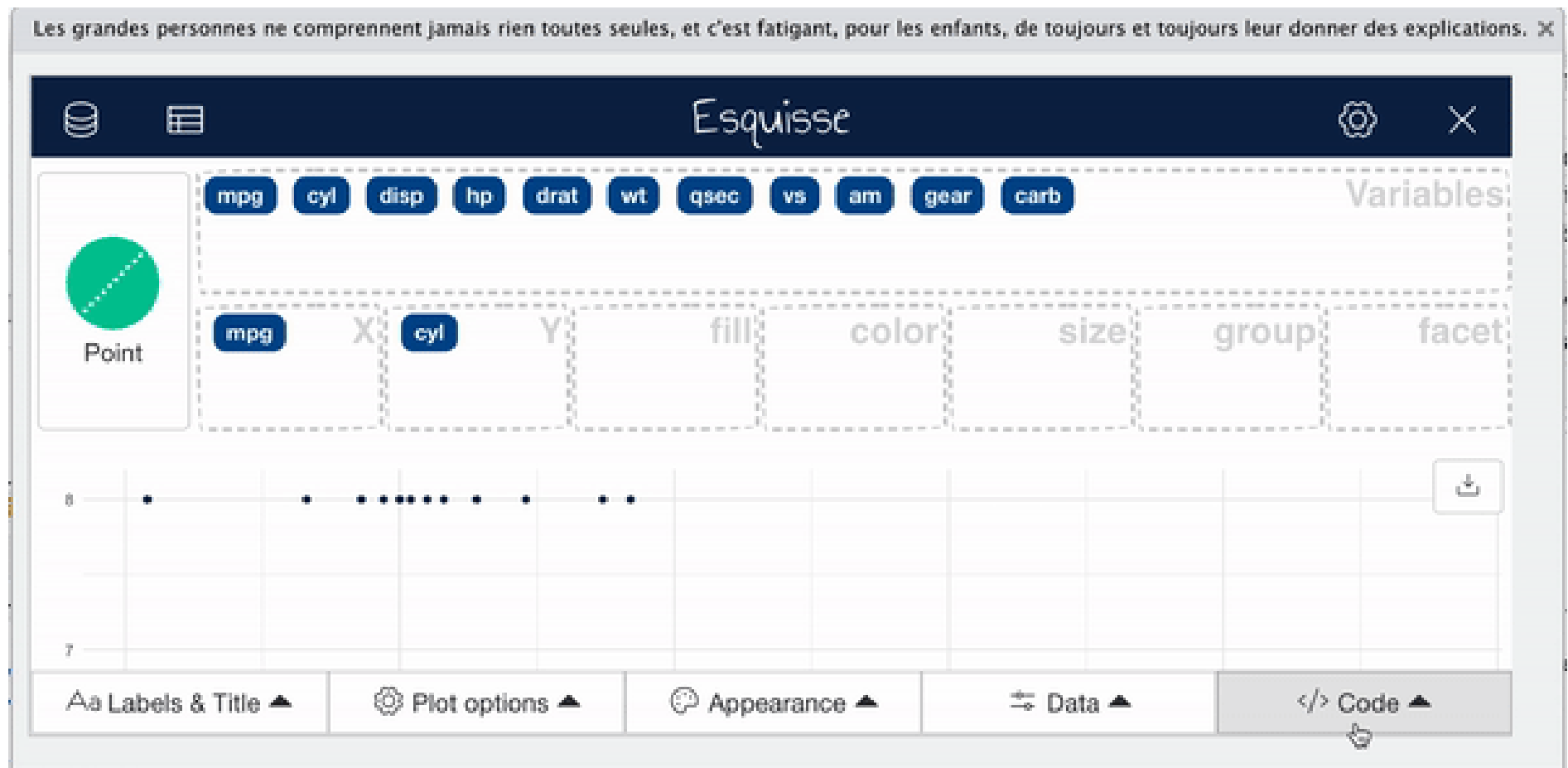
# Select Variables

To select variables you can drag and drop variables to the respective axis that you would like the variable to be plotted on.



## Find code

To select variables you can drag and drop variables to the respective axis that you would like the variable to be plotted on.



# Change plot type

esquisse automatically assumes a plot type, but you might want to change this.



## Add Facets

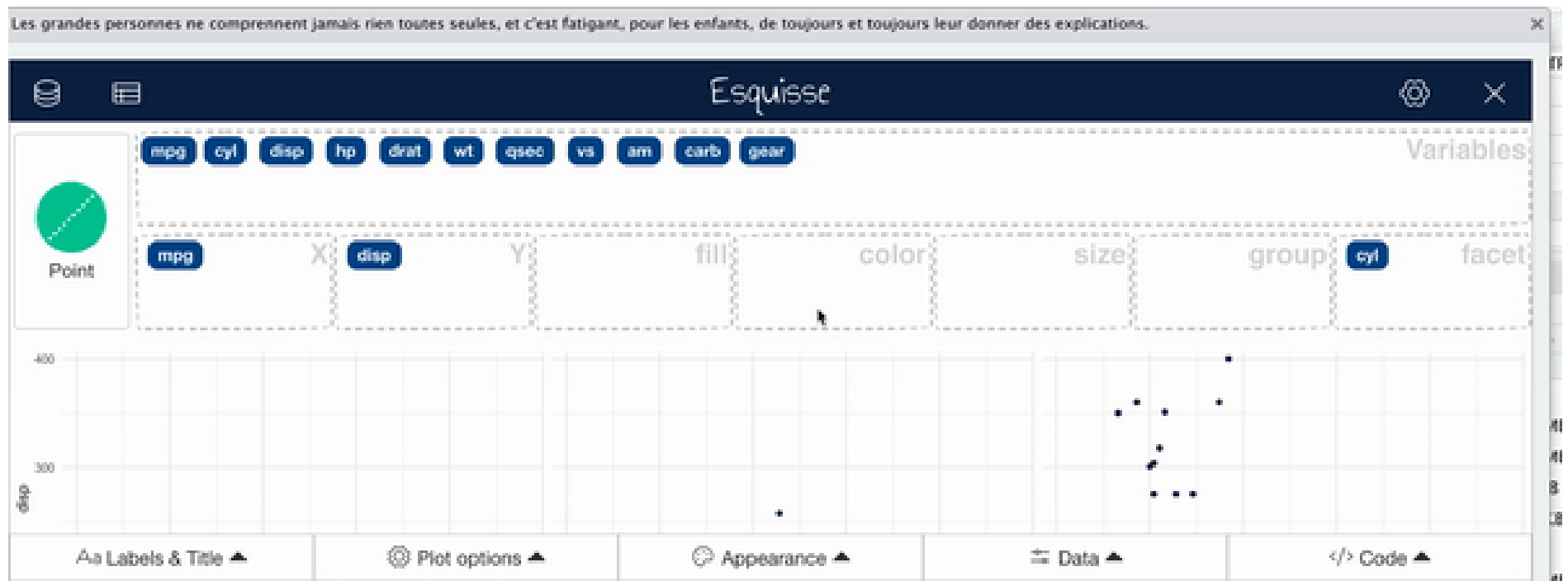
Facets create multiple plots based on the different values of a variable.





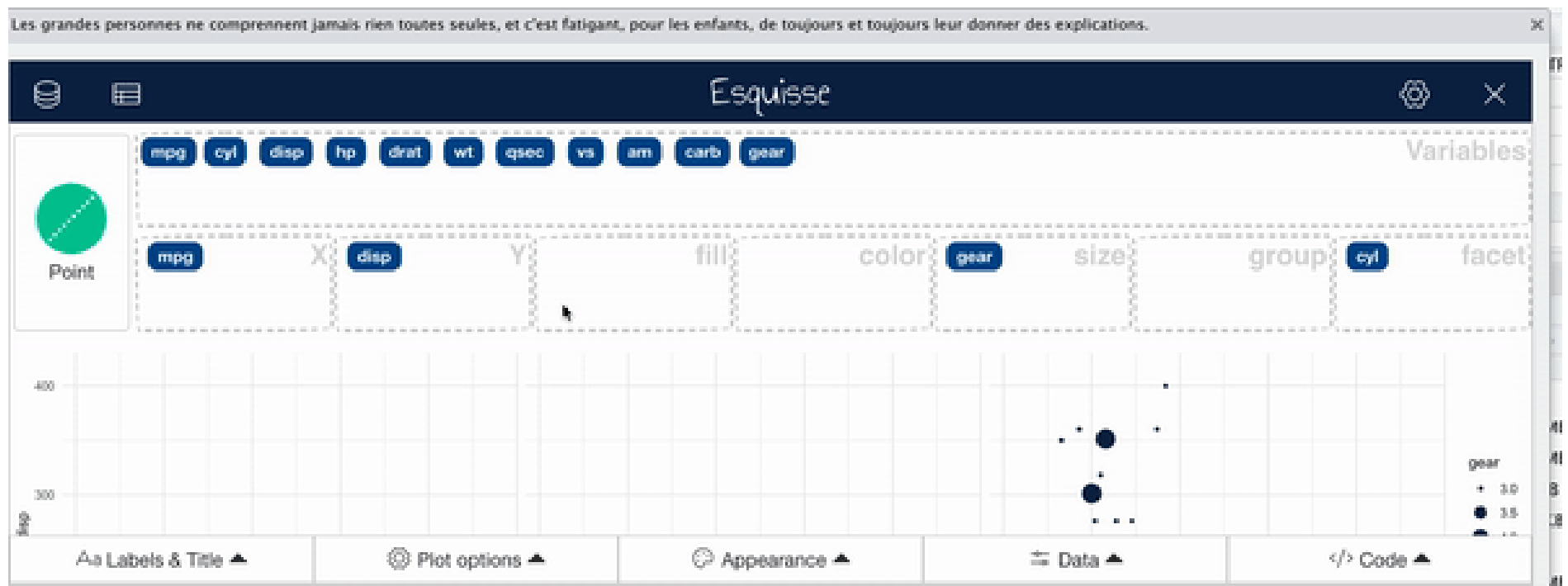
# Add size

Sometimes it is useful to change the way points are plotted so that size represents a variable. This can especially be helpful if you need your plot to be black and white.



# Add color

For plots with points use the color region to change coloring according to a variable. (use “fill” for bar plots)



## Appearance

You can change the overall appearance with the appearance tab.



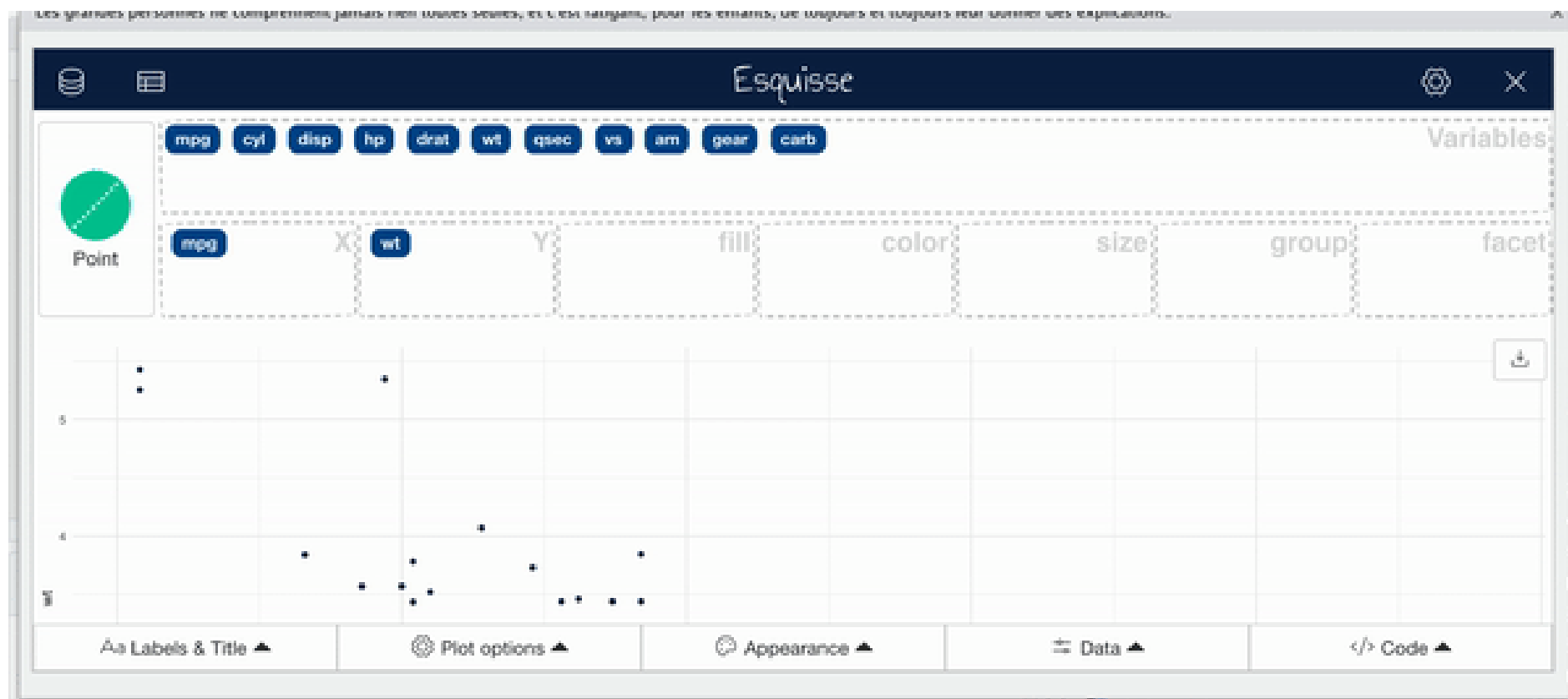
# Smooth Lines

Especially when you have a scatter plot, it can be helpful to add a smooth/trend line.



# Change titles

To change titles on your plot, use the titles tab.



## Summary

- Use the `esquisser()` function on a dataset
- Code from Esquisse can be copied into code chunks to be generated in the “Plots” pane

# Lab

[Class Website](#)

[Lab](#)



Image by [Gerd Altmann](#) from [Pixabay](#)