# 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.

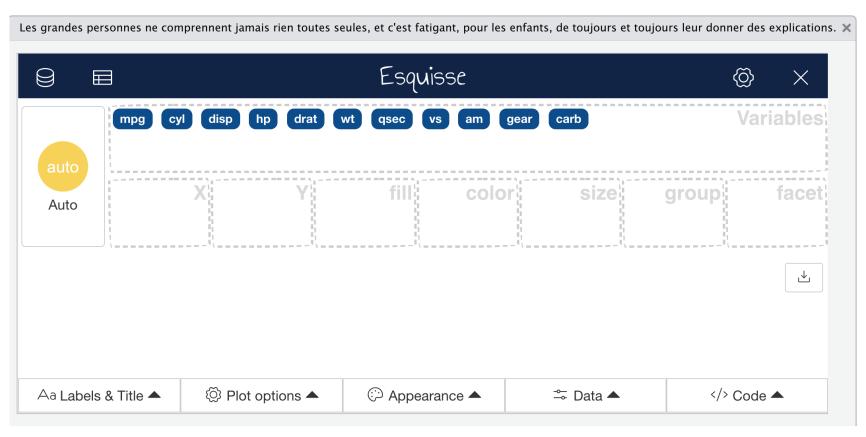
It's super **nifty**!



## Starting a plot

Using the esquisser() function you can start creating a plot for a data.frame or tibble.

esquisser(mtcars)



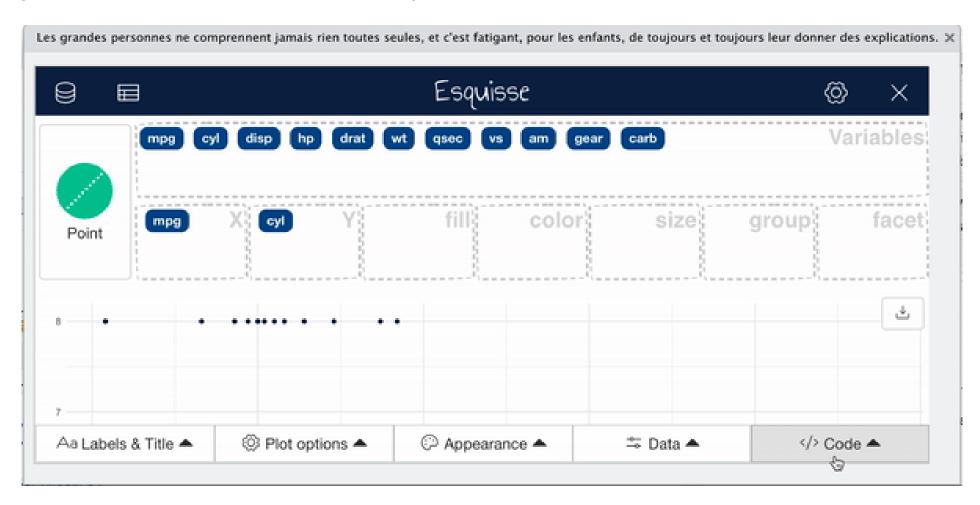
#### **Select Variables**

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



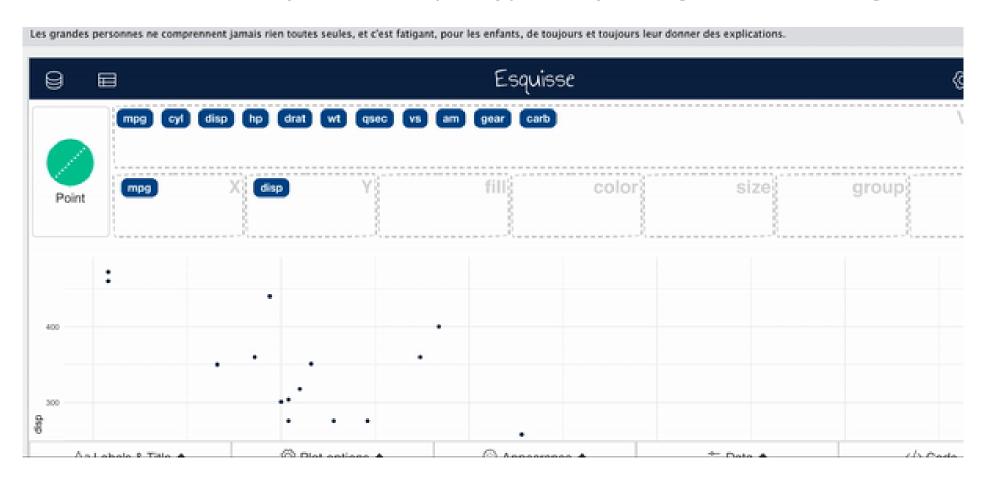
#### Find code

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



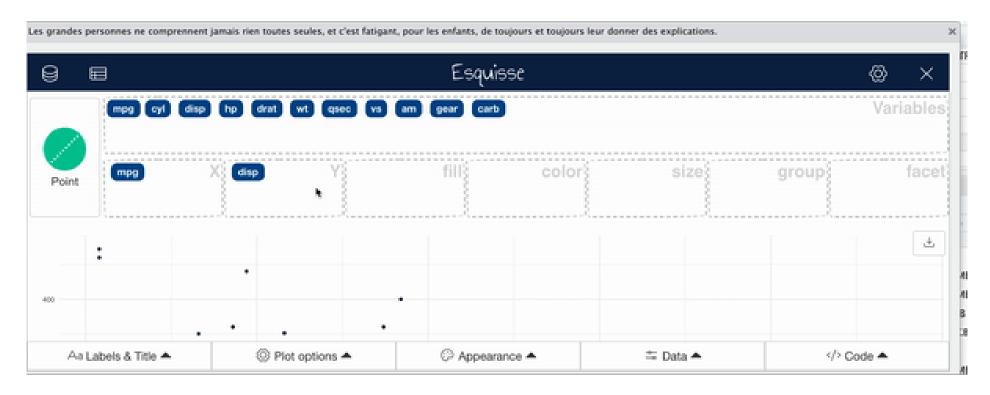
## Change plot type

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.



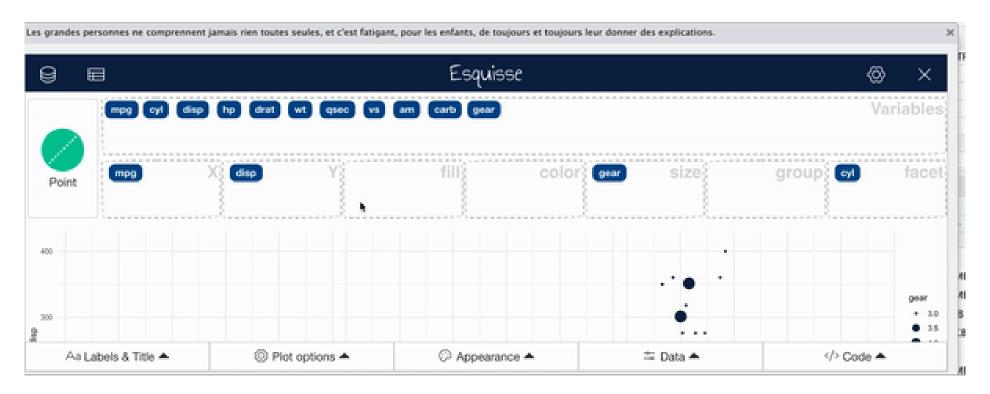
#### Add size

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.



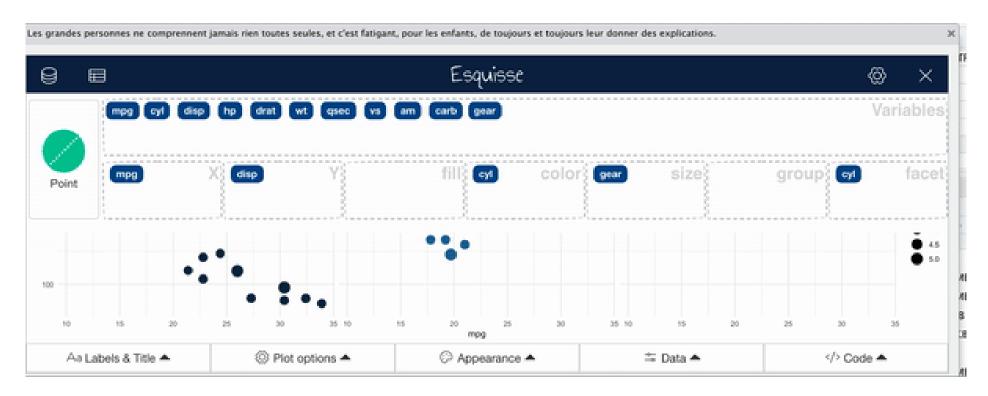
#### Add color

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.

