Tüftel Akademie

GOETHE INSTITUT

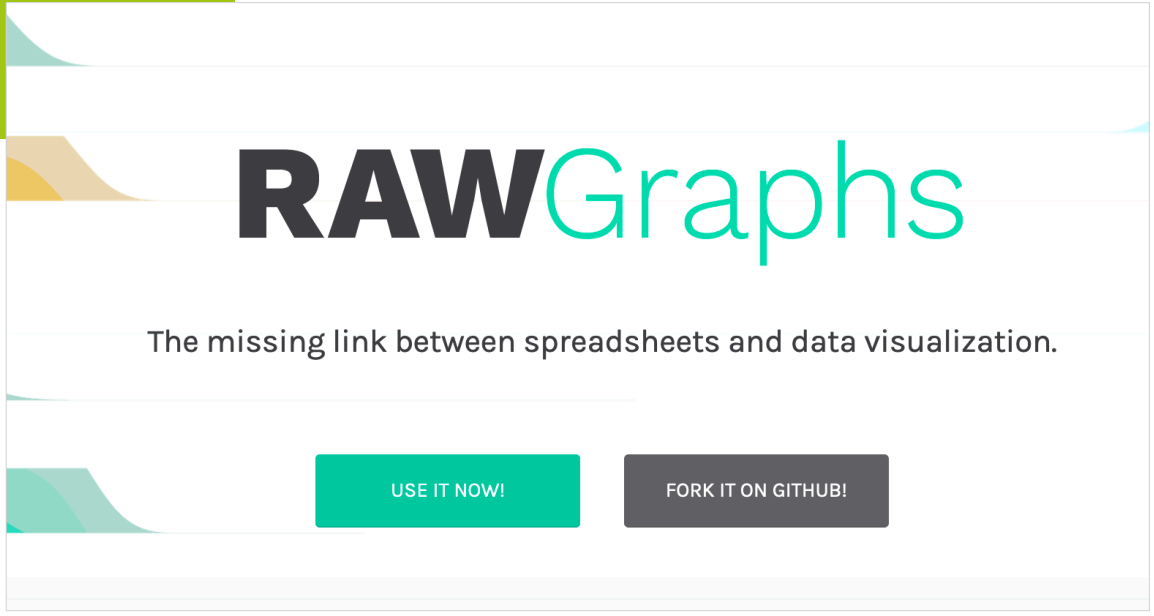
RAWGRAPHS

The missing link between spreadsheets and data visualization.

1.

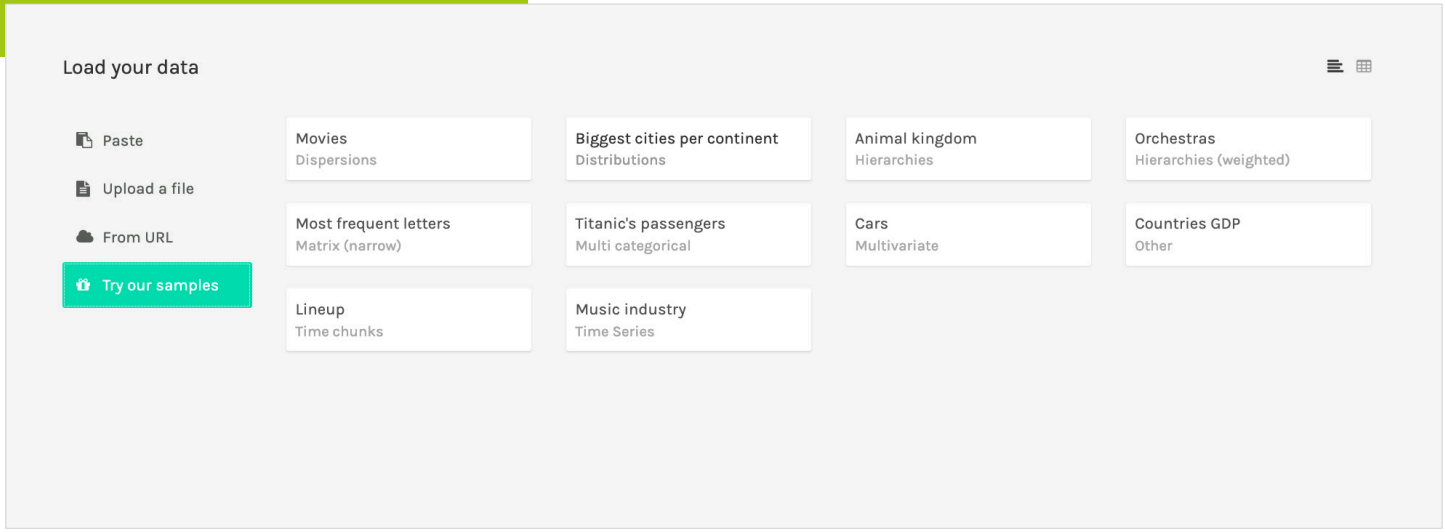
Go to https://rawgraphs.io/ and click “use it now”

Data Wrapper is an open Source data vizusalisation tool, that doesn´t require you to know how to code!



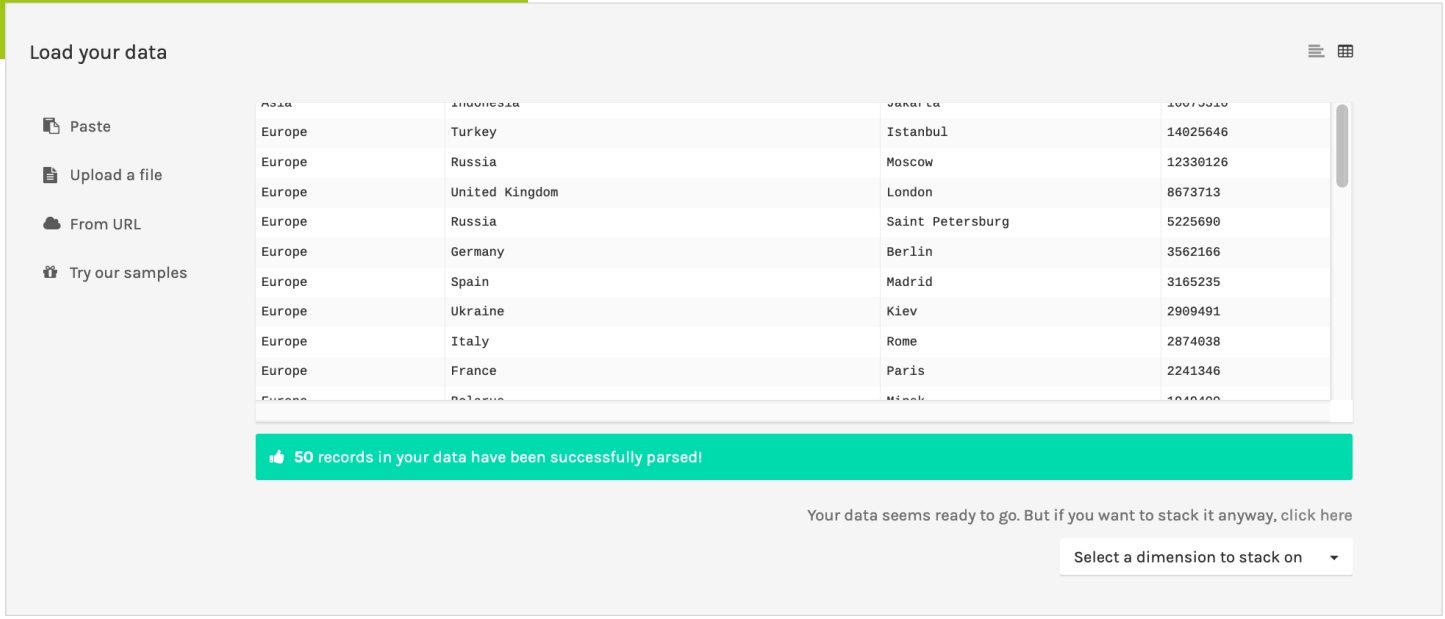
2.

First you need data: you can import them from an excel sheet or copy paste them. To start we will use “try out your samples” and select “biggest cities per continent”.



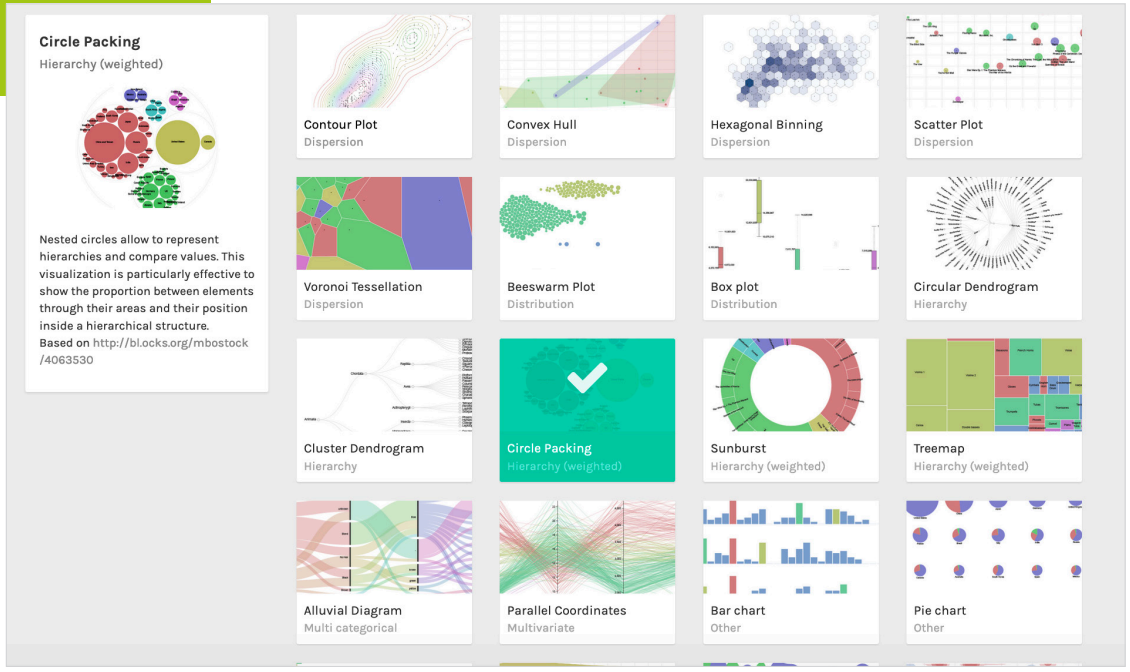
3.

Our data should look somewhat like this, go through it and check that everything looks good.



4.

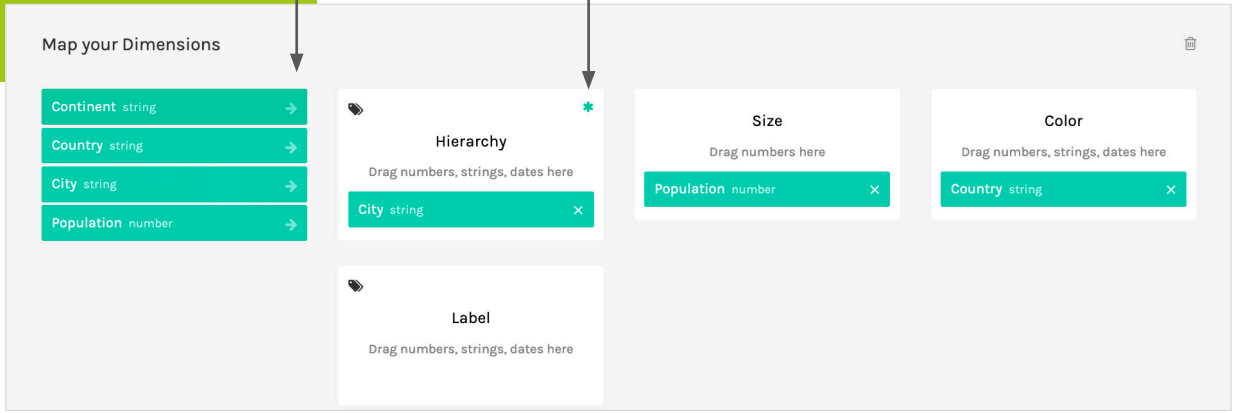
Think of how you would like to visualize the data. There are lots of types of charts you can use: we will start with a “circle packing”



5.

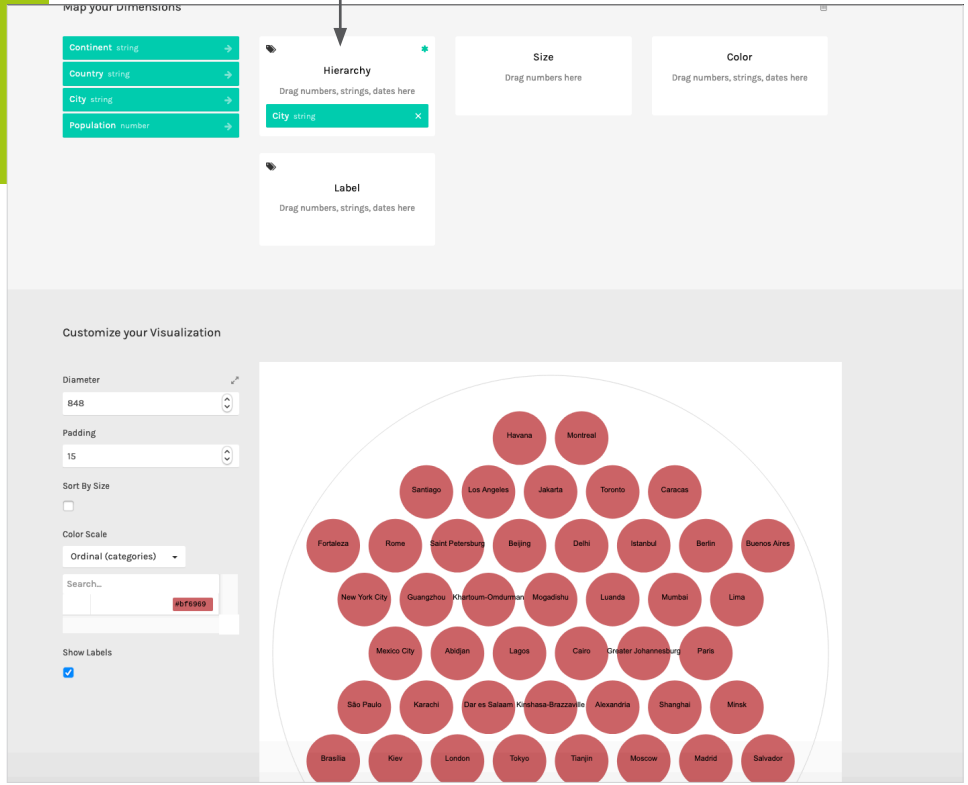
What do you want to visualize where?

- on the left are your values you can see the name and on the right what type of data there is: string (i.e. words), number or dates
- on the right is what you can map them to (here is it always explained if they have to be numbers, strings or dates you can use)
- start with the one with the star, it´s the mandatory one!



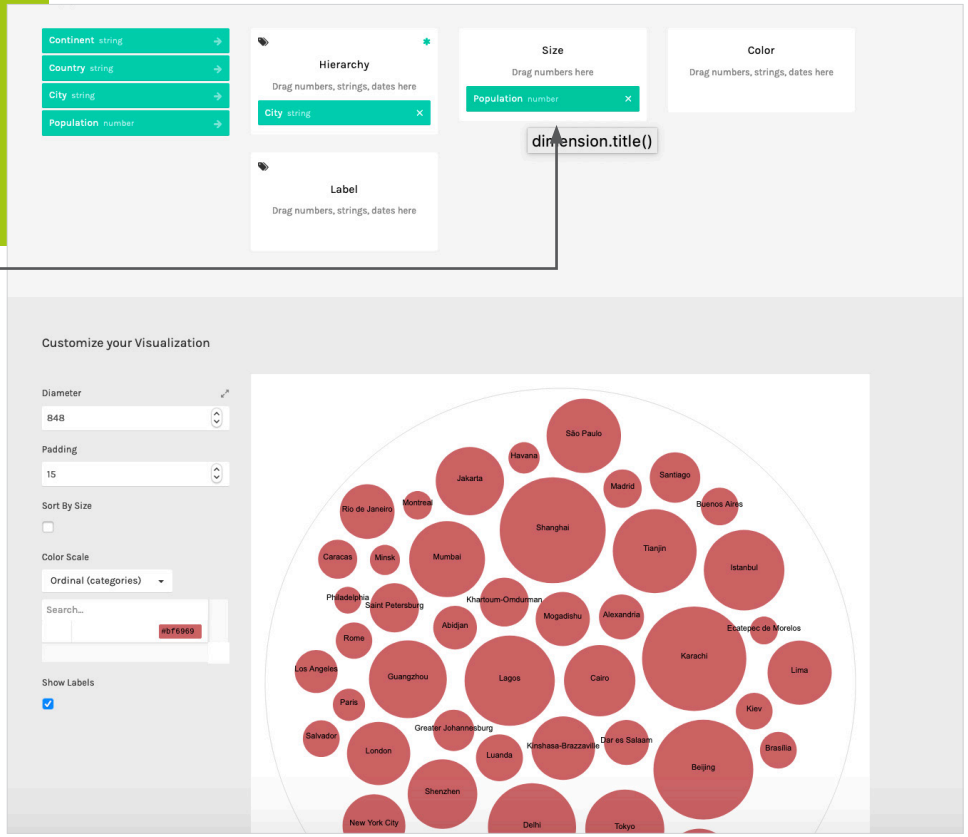
6.

To start with map city (string) as hierarchy. You should now see all the biggest cities in europe visualized in circles underneath.



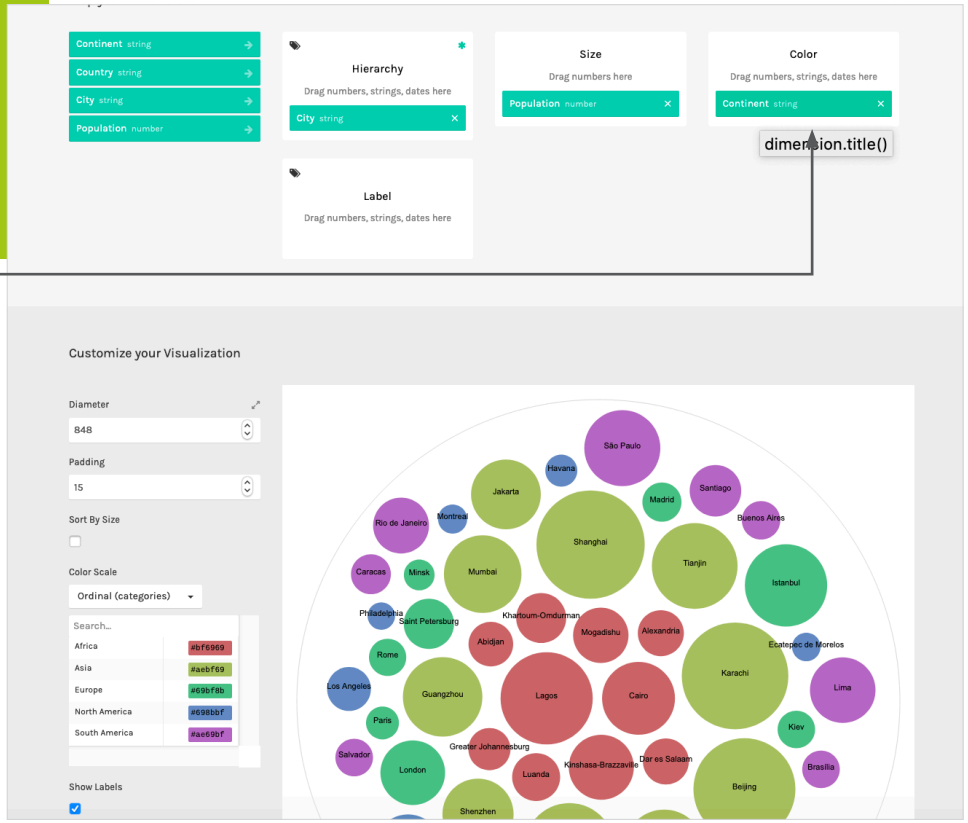
7.

Now we want to visualize the different sizes of the city. Therefore we want to map the Population to Size (drag and drop)



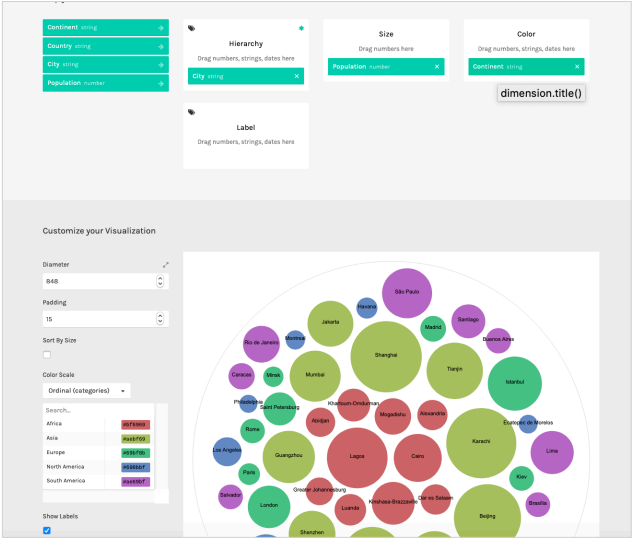
8.

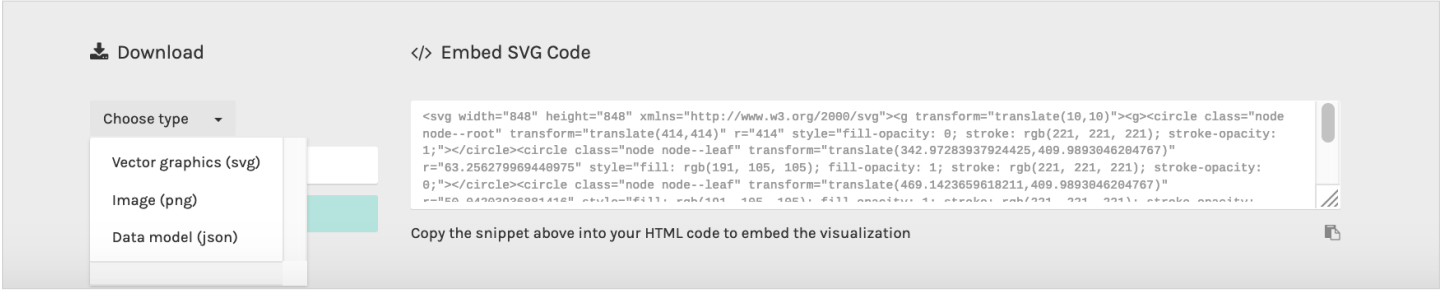
Let´s have it colorful! We would like to see in which continent the biggest cities in the world are! Therefore: map (drag and drop) the continent to the color!



9.

We have a pretty visualisation!
What is left is only to save it!





10.

Now is your turn to play around! Try using different charts and play around with the parameters: we have try bar chart, pie chart and treemap. Guess which one we used for this one?