



Creating a Map using Datawrapper from your Custom Data Set

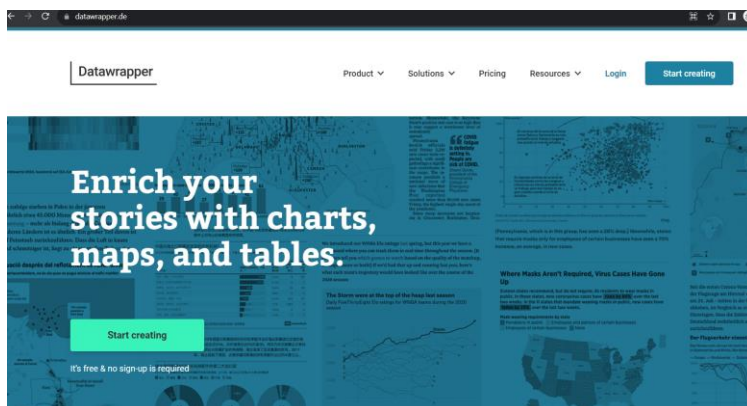
Datawrapper is a free online tool that you can use to create maps, charts and tables. It's free, easy to use, guides you the different options. No sign up is required. You use the website to create and copy or save your map. If you set up a free account it saves your maps and charts on your dashboard. The tool guides you through 4 stages to complete your visual.

You can access the tool here: <https://www.datawrapper.de/>

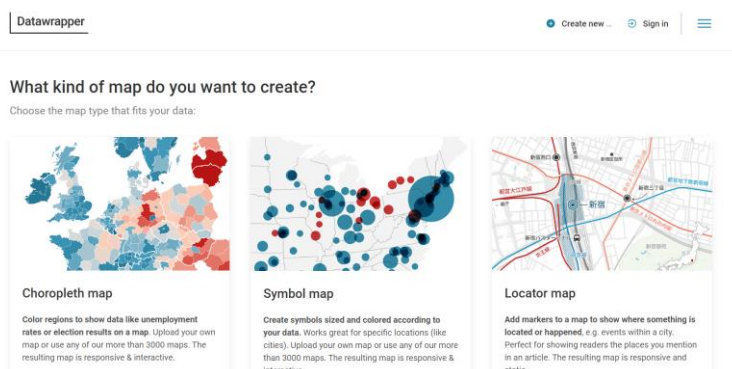
Creating a map:

1. SELECT YOUR MAP

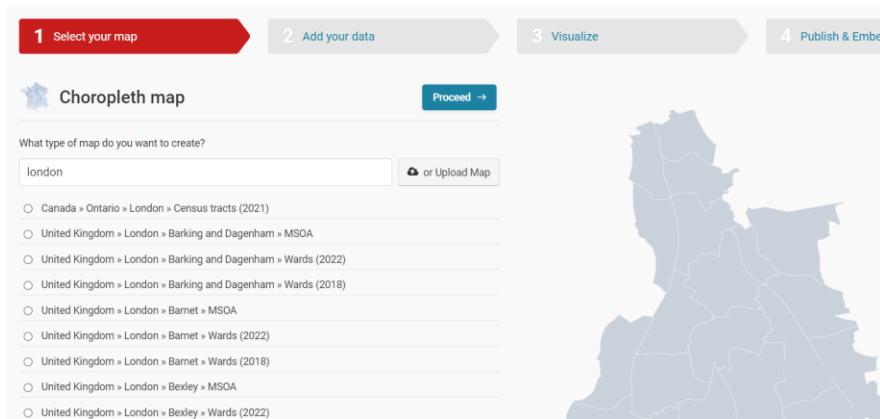
Login and select start creating a new map.



Choose Choropleth map



Select which geographic area you want. **Greater London** provides a map of all the London boroughs, **London** provides a list and you can pick the borough or type in the name of the borough you want. For individual boroughs, you can choose between ward and MSOA level. Then **Proceed**.



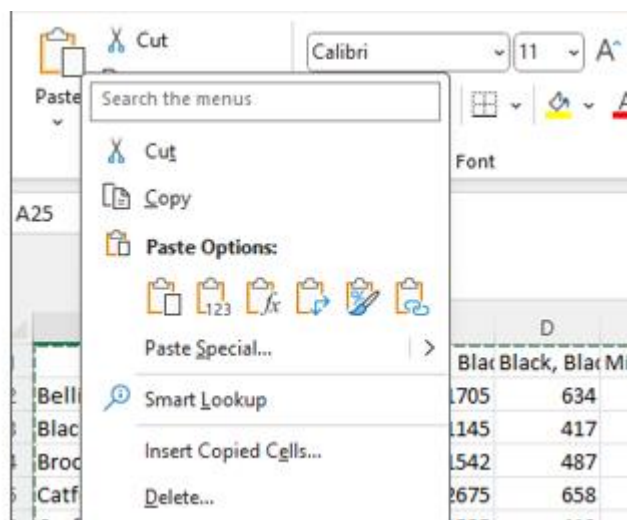
2. ADD YOUR DATA

Next add your data.

You can copy and paste your data directly or upload from a file (file needs to be closed).

If you upload from a file you can choose a specific tab within your spreadsheet.

You might need to save a copy of your data as values (removing all formatting) to do this copy and paste as values. Control C and Control V – and select paste as values:



Datwraper colour codes your data – any errors are identified in red. These are often in the ward/borough names if they are named slightly differently for example Hammersmith & Fulham and Hammersmith **and** Fulham.

Check your data is displayed correctly and make any amendments on the match tab. For example I changed Select column values to the Grand total column. Then Proceed.

Now your map needs data!

You pre-filled the table with Name keys. You can start **adding your values or upload your own file.**

Upload Match Check ▲

Match your data with the map.

You will need at least one column with Name or Code keys to match your data with the map.

Matching key: Name (Bellingham, Blackheath, ...)

Select column for Name: Row Labels (A)

Select column for Values: Black, Black British, Black, C...

You can download a table keys for "United Kingdom" with all

← Back Proc Add column

Select the column Grand Total

| | Row Labels | Black, Black British, Black, Caribbean or African | Black, Black British, Black, Caribbean or African | Black, Black British, Black, Caribbean or African: Other Black | Mixed or Multiple ethnic groups: White and Black African | Mixed or Multiple ethnic groups: White and Black Caribbean | Grand Total |
|----|------------------|---|---|--|--|--|-------------|
| 7 | Deptford | 3,587 | 1,568 | 744 | 252 | 473 | 6,624 |
| 8 | Downham | 2,365 | 2,869 | 751 | 229 | 591 | 6,805 |
| 9 | Evelyn | 2,686 | 1,835 | 544 | 175 | 388 | 4,660 |
| 10 | Forest Hill | 1,484 | 1,153 | 482 | 164 | 461 | 3,664 |
| 11 | Grove Park | 1,789 | 1,535 | 478 | 192 | 585 | 4,491 |
| 12 | Hither Green | 2,634 | 3,833 | 986 | 279 | 787 | 7,639 |
| 13 | Ladywell | 1,663 | 1,745 | 585 | 194 | 464 | 4,571 |
| 14 | Lee Green | 1,092 | 1,091 | 357 | 159 | 318 | 3,017 |
| 15 | Lewisham Central | 893 | 686 | 175 | 101 | 285 | 1,980 |
| 16 | New Cross Gate | 2,584 | 1,230 | 587 | 126 | 345 | 4,712 |
| 17 | Perry Vale | 1,729 | 2,899 | 678 | 221 | 513 | 5,232 |
| 18 | Rushey Green | 2,654 | 2,539 | 767 | 332 | 523 | 6,815 |
| 19 | Sydenham | 2,822 | 1,883 | 561 | 285 | 551 | 5,142 |
| 20 | Telegraph | 2,532 | 1,777 | 711 | 288 | 533 | 5,753 |

3. VISUALISE

There are three tabs within visualise to customise your map. In this section – explore the different features switching on/off and choosing the options to see which works best for your data/ visual.

Refine – allows you to change to colour palette, switch the legend on/off, format data in numbers or %, alter legend order, enable highlighting, enable/disabled ability to zoom on map.

Datawrapper Create new ... Sign in

Welcome to Datawrapper Learn how to create your first chart.

1 Select your map ✓ 2 Add your data 3 Visualize 4 Publish & Embed

Refine Annotate Layout

Colors

Select column: Grand Total

Select palette: [Color palette]

How this works: Click anywhere in the gradient to add new color stops. Click color stops to change color. Drag them up or down to delete. Got it

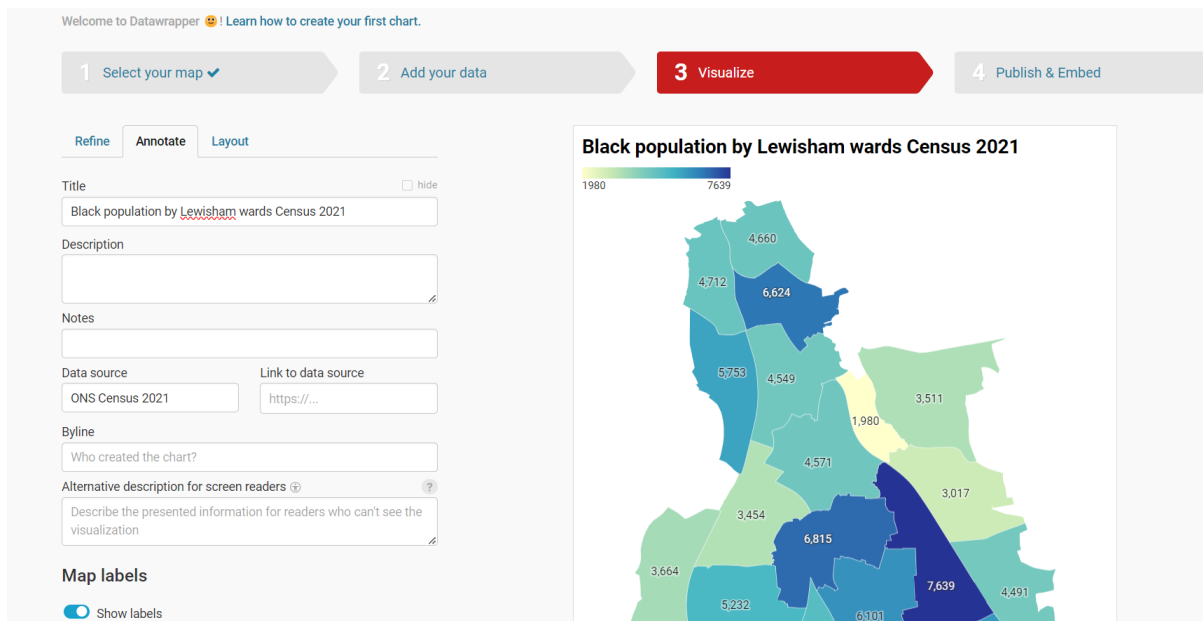
Type: steps continuous

Interpolation: linear

[Insert title here]

Annotate - Where you can add Title, description, notes, identify the data source and add a ALT description for screen readers.

Here you can switch on map labels and choose how many, if you are presenting ward level data it wont include all the wards but gives an idea of the areas around the borough for context. Alternatively, choosing Map labels by column (rather than places) with the column name of your data (i.e. Grand Total) numbers are displayed by ward on the map.



Layout – adds footers to map to allow data sharing, to download the map and embed link – which will display on the map. Plus buttons for options for Social Media sharing.

4. PUBLISH AND EDIT

If you haven't registered with Datawrapper you add your email here for a copy of the map and a link to embed your chart (if selected)

If you have set up an account, you will get embed code and link to visual here as well as a PNG file and option to duplicate if you want to reuse the map with different data or different time period for comparison.

In our example we compared the Black population across Lewisham in 2021 and also compared this to data from 2011, from the Census data using Datawrapper.

