The changing face of Londoners

We are the Youth of Today

WITH PARTNERSHIP FOR YOUNG LONDON

datawise
LONDON

Our mission is to help London's small charities and community groups unlock the value of data

www.datawise.london

DISCOVER. LEARN. ANALYSE. SHAPE. REPEAT

#DatawiseLondon

superhighways

harnessing technology for community benefit

COALITION

FOR EFFICIENCY

Mokerble

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humanity. equality. rights.

DataKind UK

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We are the Youth of Today

Life in London for Generation Z

Partnership for Young London

MUSEUM OF LONDON CURATING LONDON

Supported using public funding by ARTS COUNCIL ENGLAND

Excel exercise – Creating a workable data set

- Make the data into a table & name the table (Insert tab – Table)
- Give each row a unique ref number & name column this column Ref (Home tab – Fill Series)
- Change the numbers in the ‘Spaces’ columns into text using Find & Replace (Home tab - Find & Select – Replace) :

1= 1 Never
2 = 2 Not very often
3 = 3 Sometimes
4= 4 Often
5 = 5 Very Often

Excel exercise – Creating a Pivot table

- Create a pivot table from the Cultural spaces data (Insert tab – Pivot table)

  Row=over/under18
  Column=Cultural spaces
  Value = Ref (change from Sum to Count)

- Remove the blanks and missing values from over/under 18 using the Row filter

Excel exercise – a closer look at the data

- Add another pivot table with the same parameters
- Turn the numbers into percentages (Field values- Show values as - % of row total. Cell format – no decimal places)
- Remove the blanks/missing from over/under 18 using the filter
- Insert a slicer for Borough linking the 2 pivot tables (Insert tab – Slicer)

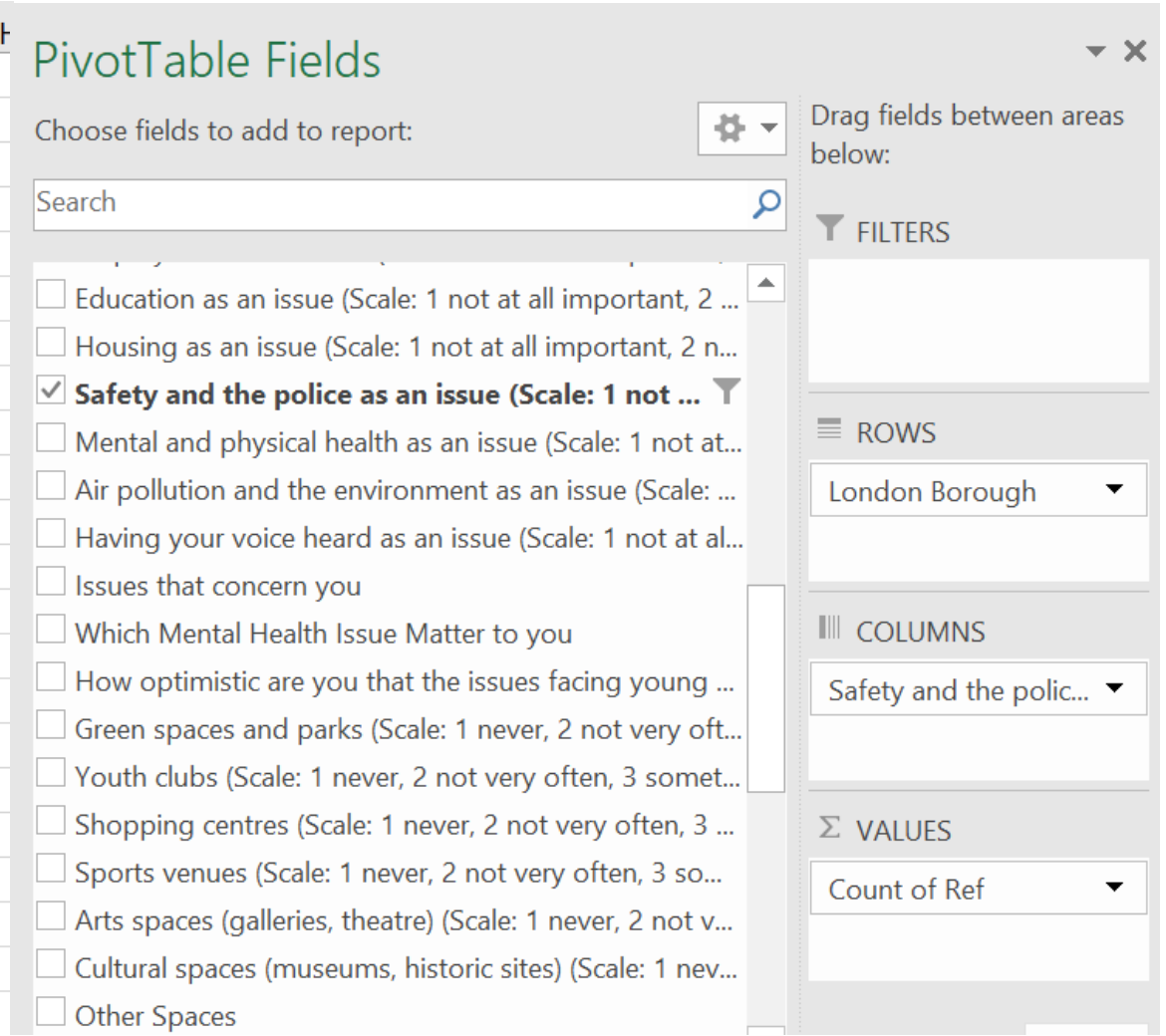
Excel exercise - Creating visuals

- Insert a Clustered column pivot chart based on the first pivot table (Pivot Table Analyse tab – Tools group - Pivot chart)
- Create a Stacked column chart based on the second pivot
- Test the slicer on them

Mapping data – first create the below pivot table

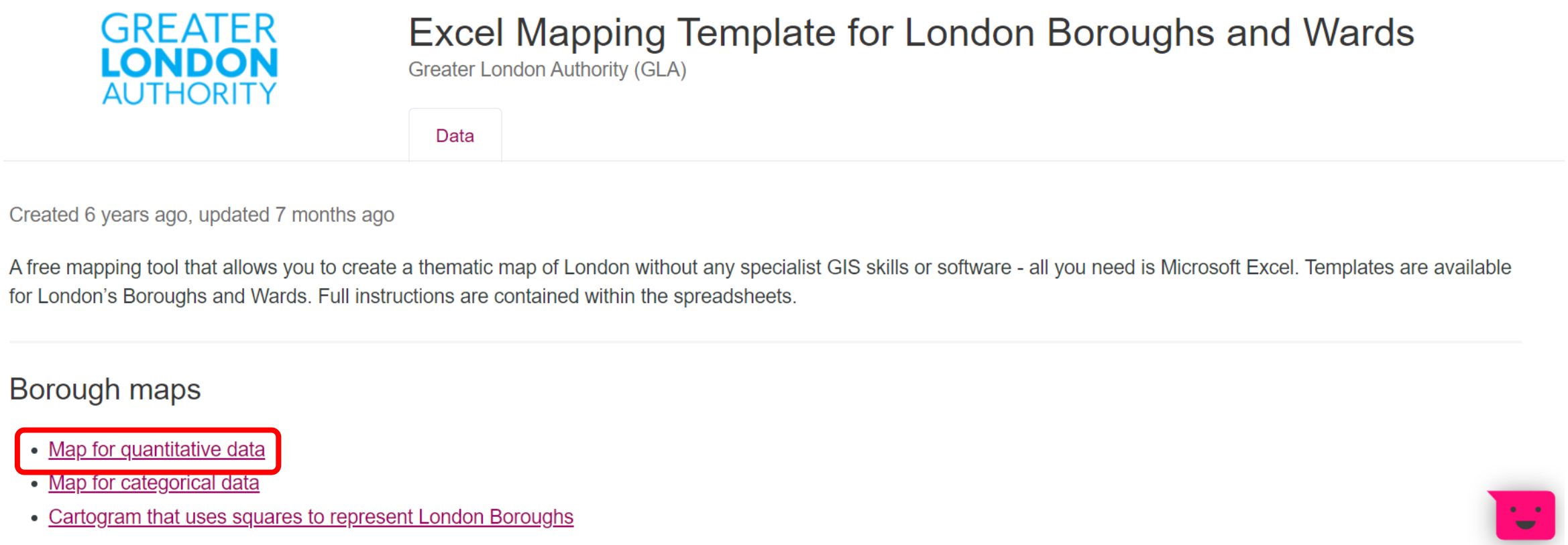
- We're going to map data for the highest option - 5

Count of Ref	Column Labels					
Row Labels	1	2	3	4	5	Grand Total
Barking and Dagengam	2%	0%	15%	22%	61%	100%
Barnet	0%	4%	11%	26%	58%	100%
Bexley	0%	0%	13%	28%	60%	100%
Brent	1%	1%	5%	21%	72%	100%
Bromley	0%	4%	10%	27%	58%	100%
Camden	2%	2%	5%	36%	55%	100%
Croydon	1%	1%	3%	28%	66%	100%
Ealing	0%	3%	15%	23%	59%	100%
Enfield	0%	2%	4%	31%	63%	100%
Greenwich	0%	3%	7%	22%	69%	100%
Hackney	0%	6%	21%	26%	47%	100%
Hammersmith and Fulham	0%	6%	11%	32%	52%	100%
Haringey	1%	5%	8%	24%	61%	100%
Harrow	0%	0%	16%	33%	51%	100%
Havering	0%	0%	11%	21%	68%	100%
Hillingdon	2%	5%	5%	27%	62%	100%
Hounslow	0%	2%	7%	25%	67%	100%
Islington	0%	6%	14%	29%	51%	100%



Download the borough mapping template

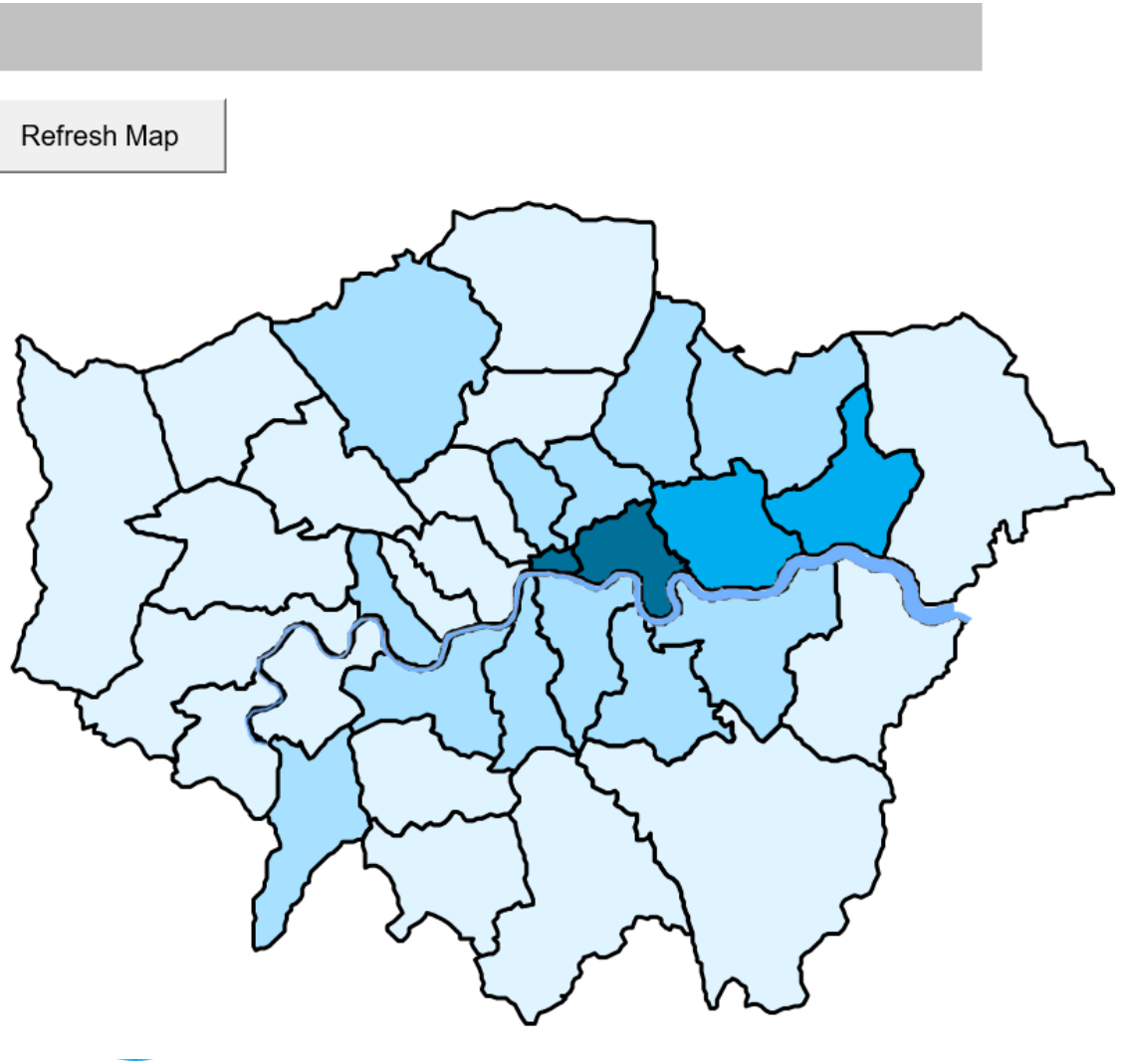
- Go to the London Data Store's Excel Mapping Template
- Download the Map for quantitative data



Adding your % data to the map

- Enable editing and Enable macros
- Now delete the values in the column next to the Borough list
- Now paste in the percentage values for Safety from your spreadsheet (Be mindful of City of London)

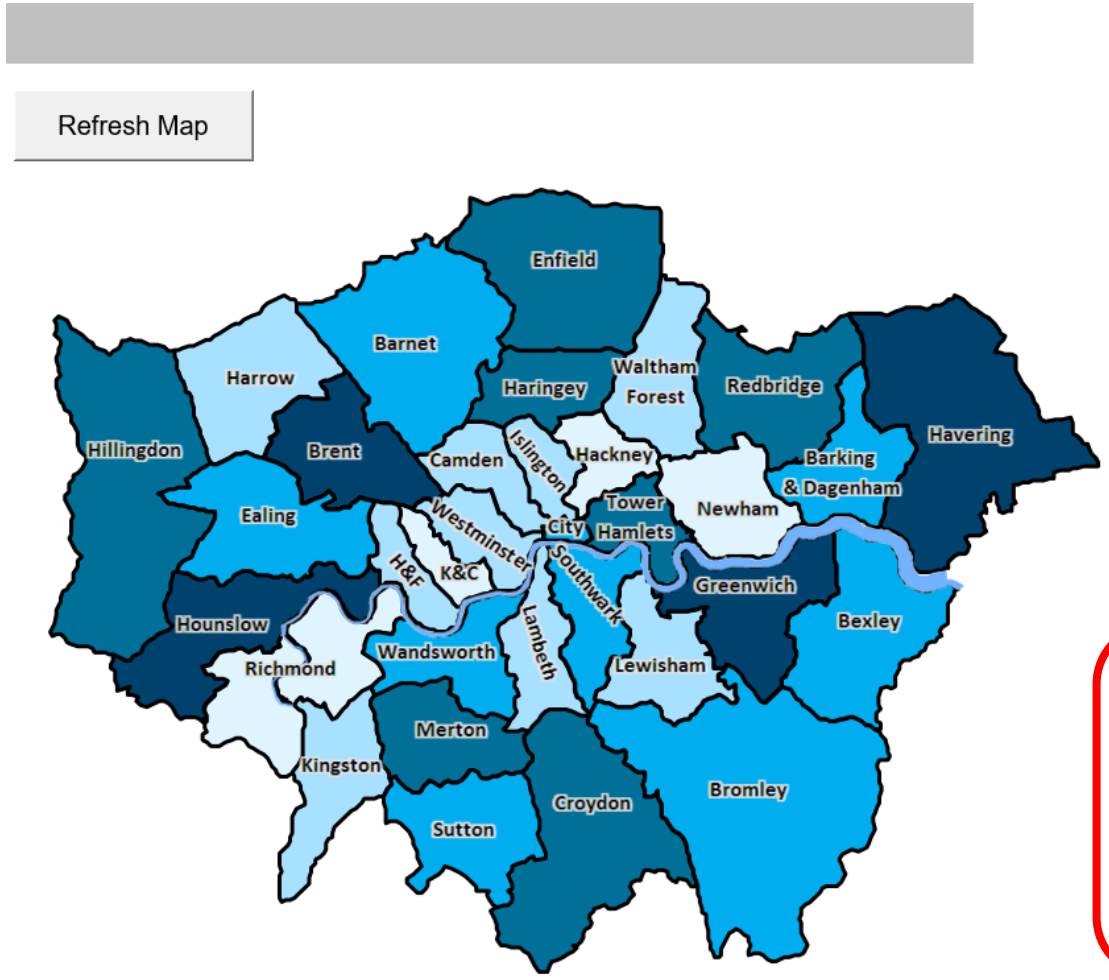
Boroughs	Values
City of London	43.2
Barking and Dagenham	32.0
Barnet	19.3
Bexley	9.1
Brent	16.9
Bromley	9.6
Camden	15.8
Croydon	15.9
Ealing	16.2
Enfield	11.9
Greenwich	24.3
Hackney	22.8
Hammersmith and Fulham	21.8
Haringey	16.5
Harrow	13.8
Havering	16.4
Hillingdon	9.2
Hounslow	16.4
Islington	20.3
Kensington and Chelsea	13.0
Kingston upon Thames	17.2
Lambeth	21.3
Lewisham	18.6
Merton	10.4
Newham	27.0
Redbridge	19.3
Richmond upon Thames	8.2
Southwark	22.8



Adjusting your map

- Darker shades represent boroughs where young people had higher concerns about safety and the police

- Change the number of Ranges to 5
- Adjust the Legend ranges & colours if you need to
- Drag the Borough labels over the map



To use different colours to the default ones, find the RG
colours you want, and enter them into the cell grid starti

Note: The map will only update when the data in columr
when Refresh Map button is clicked

The low/high threshold ranges will be rounded depending
the numbers being mapped, but the user may need to a
of decimal places being displayed in the legend.

If an area has missing data type **any text** into its cell in
- (do not enter a number, or leave it blank)

Tip: Copy and paste the map into Word, and copy and
legend into Word, selecting 'Picture'

Choose 4 or 5

Number of Ranges	5

Legend

Equal ranges	Low (>=)	(<) High	Occurrences
1	0.5	0.5	(4)
2	0.5	0.6	(9)
3	0.6	0.6	(9)
4	0.6	0.7	(7)
5	0.7	0.7	(4)
			(33)

Using the map for categorical data

- Download the mapping template
- Add categorical values for your borough.
- Here we've added the top issues most affecting young people's mental health by borough