Discover. Learn. Analyse. Shape. Repeat

COHORT SESSION 4: LEARN

#DatawiseLondon

Today's agenda: morning

Welcome & Check in

Exploring hunches

Refining and sharing our own hunch

11:15 Break

Re-cap of external data sources

Data quiz

Exploring relevant data sources

13:00   Lunch

Today's agenda: afternoon

14:00   Welcome back from Lunch

Data sources - uses and pitfalls

Best practices for external data

Mapping practical session

15:10   Break

Updating progress with Makerble

Check out

Datawise London Cohort Programme

Discover Session 1 & 2

I have a better understanding of where our organisation is now and where we want to be

Learn Session 3&4

I know what tools can help me collect & analyse data

I have the improved skills to better collect, use and analyse data

Analyse Session 5 & 6

I am able to access & use external data sources

I can analyse and share my findings

Exploring hunches

Examples from our Data Essentials courses to get us in the hunch frame of mind...

Definition

"a feeling or guess based on intuition rather than fact"

Oxford Languages

Example 1

The demographics of our volunteers aren't representative of the boroughs [we work in]

Example 2

My hunch is people (especially women with young children) with little or no previous education are not accessing ESOL provision

Re-write the following hunch

How do we attract more volunteers from the SE1 area and ensure they are representative of the demographics of the area?

Don't worry about knowing all the details!

Re-write the following hunch

Can we run our programme completely digitally via Skype etc?

Don't worry about knowing all the details!

Re-write the following hunch

"How useful the website is to the people using it. That it is difficult when there a re lots of services an offer but really useful for niche service"

Don't worry about knowing all the details!

Example Superhighways: My Hunch is...

Due to Covid we think our audience has expanded and we're reaching smaller groups previously not accessing digital assistance

Data Needed

Internal data
- Training attendance records
- Support requests & technical enquiries
- One to one support records
- Size of group by income (not previously collected)
- Referrals

External data
- Charity commission data
- 360 Giving data (for non registered by grant funded groups)

Tools Needed

Eventbrite

Excel

Power BI

Skills Needed

Excel dashboards

Power BI reports

Knowledge of how to use Grantnav & 360 Insights

Mapping & overlaying maps of need & provision

Over to you...
quick refresh
and peer
feedback

Break

External data sources Recap

A useful (though not exhaustive)collection of external data sets

Advice trends
www.citizensadvice.org.uk/about-us/difference-we-make/advice-trends/

Advice trends summarises Citizens Advice service top level statistics. It is aimed at national government departments, regional agencies; third sector organisations concerned with advice or policy and policy researchers.

Ethnicity Facts & Figures
www.ethnicity-facts-figures.service.gov.uk/

Headline figures from each government department detailing ethnic inequalities in the UK.

London Datastore
data.london.gov.uk

The London Datastore is a free and open data-sharing portal where anyone can access data relating to the capital.

London's Poverty Profile
www.trustforlondon.org.uk/data/

Official data from over 100 indicators, revealing patterns in poverty and inequality.

Metropolitan Police
www.met.police.uk/sd/stats-and-data/

Tools to help see what local police forces are doing to combat crime, identify different types of crime and map out different crime stats.

Nomis
www.nomisweb.co.uk

Data from a range of surveys, including the 2011 Census. Enter a location and get a report detailing population characteristics of the local area.

Public Health
fingertips.phe.org.uk/

Rich source of indicators across a range of health and wellbeing themes that has been designed to support JSNA and commissioning to improve health and wellbeing and reduce inequalities

Stat-Xplore
stat-xplore.dwp.gov.uk

Explore Job Centre data, including types of benefits received, and rates that sanctions are applied, by area and individual characteristics.

The London Intelligence
www.centreforlondon.org/project/london-intelligence/

Quarterly publication from the Centre for London, that identifies the changes taking place in the City to help policy makers prepare and plan for the future. Analyses the latest data under five major themes: Demography, Economy, Infrastructure and housing, Society and Health and environment.

UK Data Service
www.ukdataservice.ac.uk

Holds a range of social, economic and population datasets. They also publish 'how to' guides and case studies of effective use of data.

Understanding Society
www.understandingsociety.ac.uk

Search results from academic research using the UK's largest representative household survey.

Ward Profiles and Atlas
data.london.gov.uk/dataset/ward-profiles-and-atlas

Provide a range of demographic and related data for each ward in Greater London. They provide an overview of the population in these small areas including data on population, diversity, households, life expectancy, housing, crime and employment.

Who runs London
www.londoncouncils.gov.uk/who-runs-london

London Councils publish data from London's local elections, London MPs and their constituencies and data looking at 50 years of political control of the boroughs.

YouGov Results
yougov.co.uk/results/

Runs surveys of public opinion on topical issues, with gender, age and social class breakdowns.

London's Poverty Profile

Official data from over 100 indicators, revealing patterns in poverty and inequality.

Populations

KEY FINDINGS

41%

of Londoners are from BME backgrounds.

38%

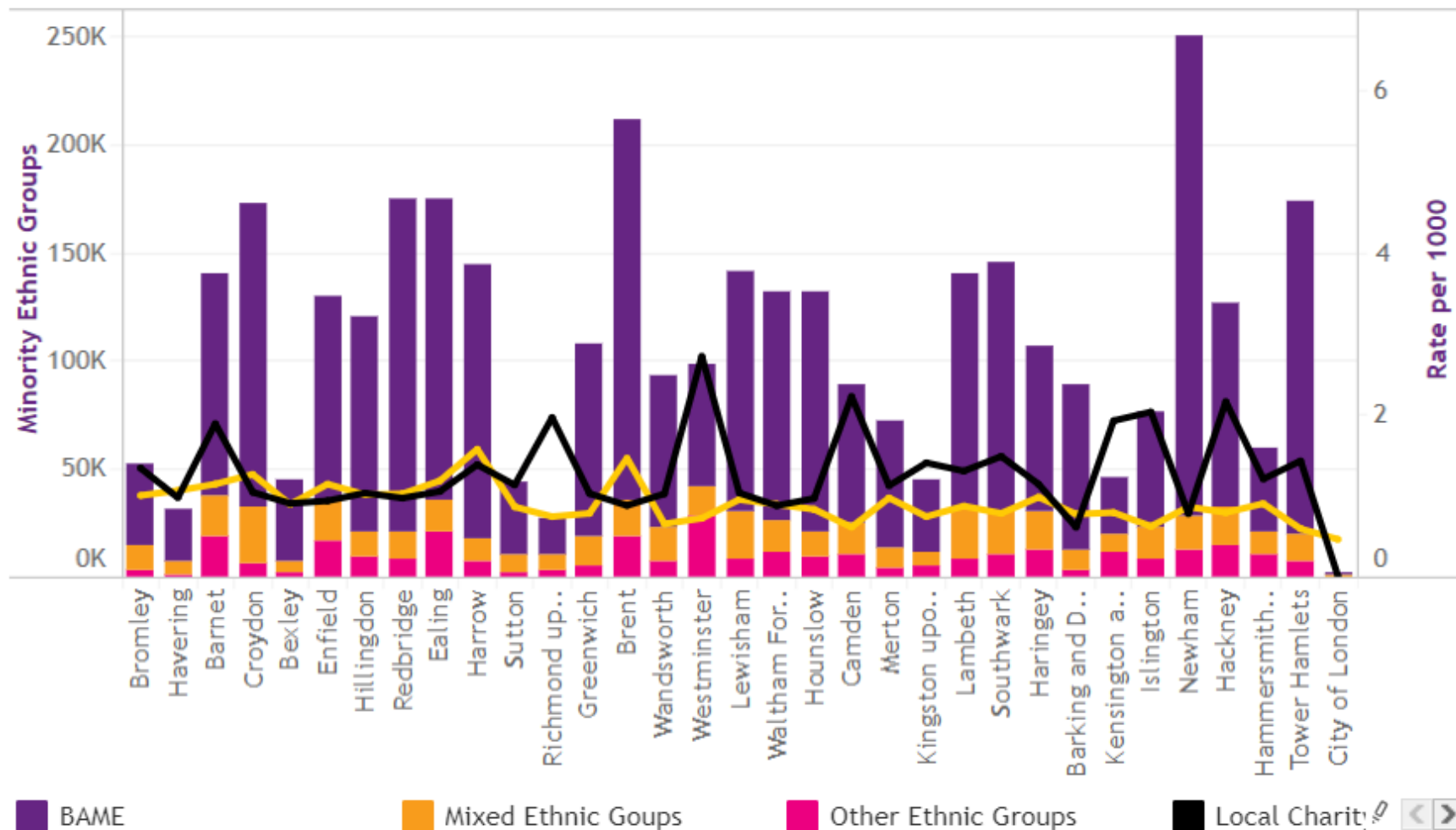of Londoners from BME backgrounds are in poverty, compared to 21% of White Londoners.

Interactive Covid-19 data
for charities and funders

Minority ethnic groups, local charity density and COVID-19 mortality rate for London

Legend: BAME · Mixed Ethnic Goups · Other Ethnic Groups · Local Charity

Other useful data sources / resources

- ✓ London Data Store – London area / borough profiles
- ✓ London Data Store – Population projections explorer
- ✓ London Data Store - borough / ward Excel mapping templates
- ✓ Making the most of the London Data Store – Scenario guides

    - ✓ Understandingthe impact of ward level population growth on your services
    - ✓ Targetting services to older people most likely to be socially excluded
    - ✓ Understanding your local area – are volunteers reflective & what about crime stats

- ✓ Indices of Multiple Deprivation - Comparison map of 2015 & 2019
- ✓ Mayor of London Survey of Londoners – Headline findings
- ✓ London Community Response Survey – Covid-19 weekly results
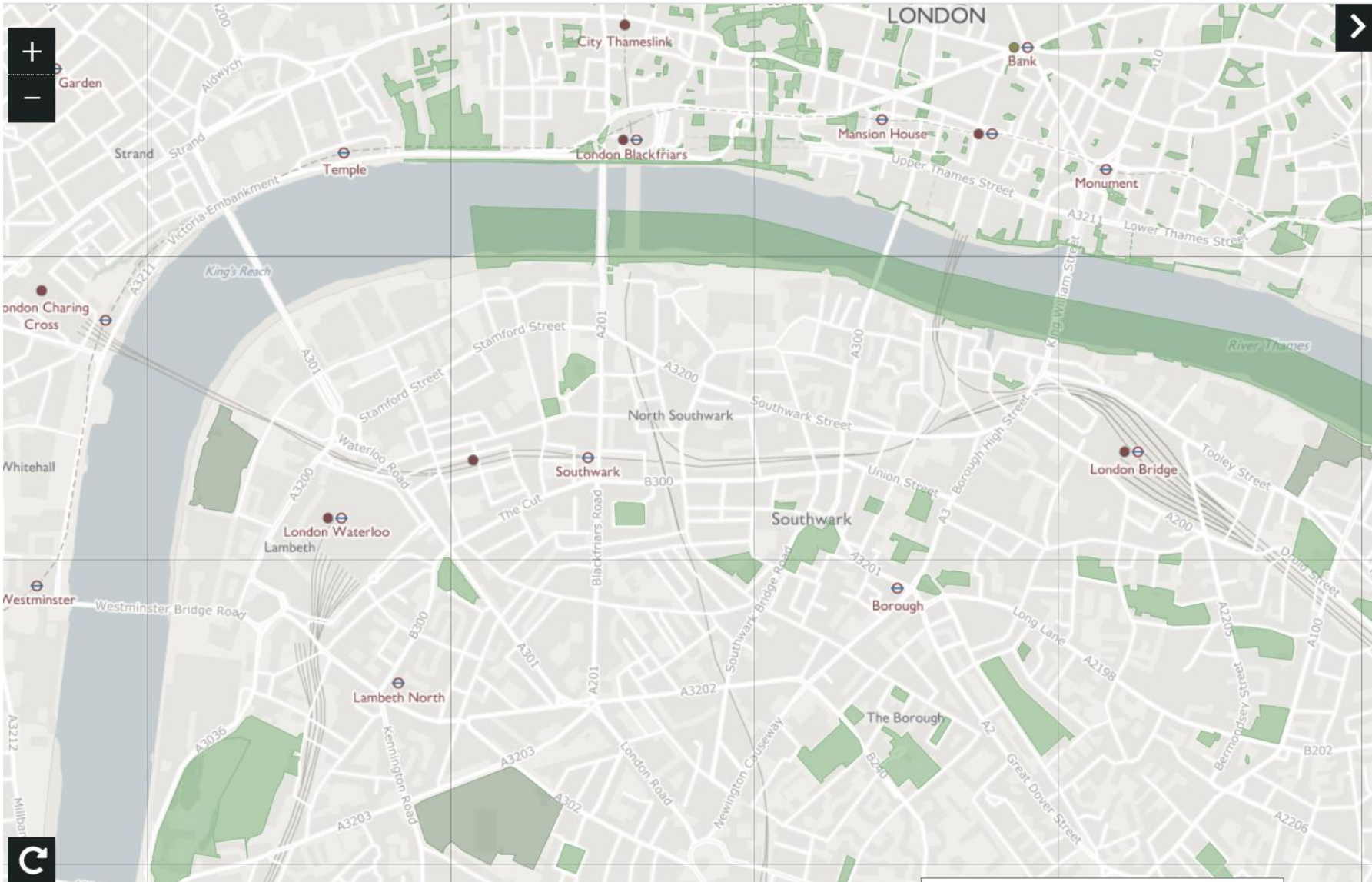
PLANNING DATA MAP

This open planning data map for London contains the latest spatial data about planning policy.
Let us know how you think it might be improved or expanded: ldd@london.gov.uk

Search near a location:

e.g. enter your postcode

Protection   Good Growth   Context

● Designated Open Space ⌄

Designated Open Space includes lands designated as Green Belt, Metropolitan Open Land (MOL) and other public open spaces... Read More ⓘ

● Green Belt ⌄
● Metropolitan Open land ⌄
● Other Open Space ⌄

◯ Site of Importance for Nature Conservation (SINC) ⌄
◯ Sites of Special Scientific Interest (SSSI) ⌄
◯ Conservation Areas ⌄
◯ Ancient Woodland ⌄
◯ Strategic Industrial Location (SIL) ⌄
◯ Locally Significant Industrial Sites (LSIS) ⌄
◯ Flood Risk ⌄

⬇ Download Planning Data   **MAYOR OF LONDON**

360Giving's GrantNav (& advanced searches)

Exploring external data

A quiz to explore data sets, followed by a deeper dive into the sources that matter to you. We'll also consider best practice issues.

What data sources help you with your hunch?

- ✓ 10 mins have a think
- ✓ Choose 2 or 3 – share in chat
- ✓ Work with others on same sets?
- ✓ Explore the data
- ✓ Start making some notes – challenges using the data

Lunch

Data findings

Best practice issues when working with data – what did you find?

Considerations & best practice for working with external data

Google Jamboard

Geo mapping

Evidence needs and spot gaps in service delivery with free and affordable mapping tools

Simplest map creation - Batchgeo...

Paste data sets with postcodes & create a map:

✓ Blue existing volunteers

✓ Red new client referrals

Batchgeo Summary

✓ Paste data straight from Excel at www.batchgeo.com

✓ Free version – maximum 250 rows of data

✓ Choose how to group pins (max 7 categories)

✓ Customise design (limited)

✓ Limit Zoom in to anonymise data

✓ Save Map – Public or Unlisted (Private option in Pro account)

✓ Share via link or embed code

✓ Step by step guide

Lewisham
Wellbeing
Map
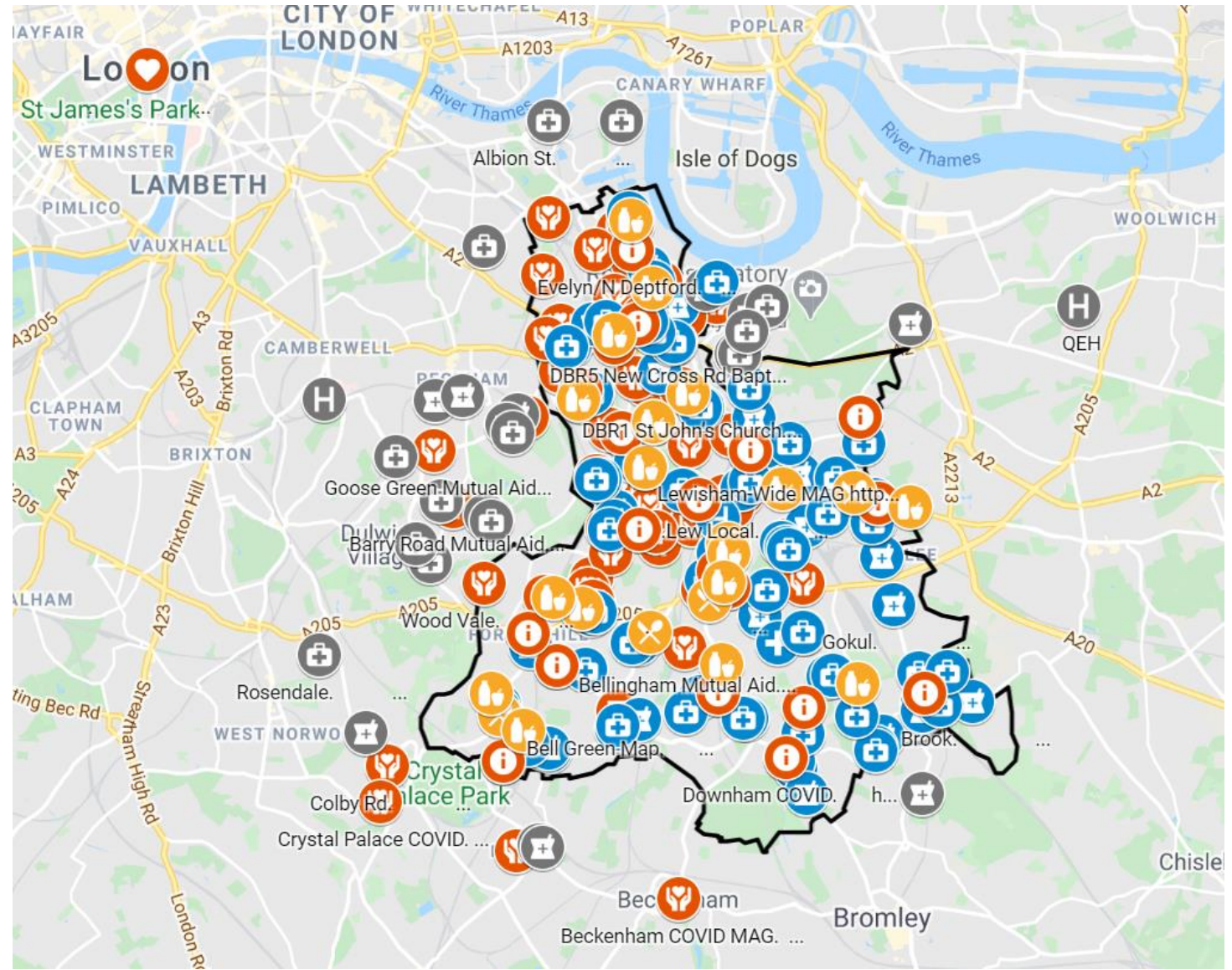
CVA ABCD Asset Map

- Cooking
- Computing
- Physical Health
- Children, Parents, Family
- Community
- Dance/ Singing
- Fitness, Sport, Cricket
- Health
- Other / No data

☑ **Community based groups**

- Family, Community
- Music
- Residents Association
- Other / No data
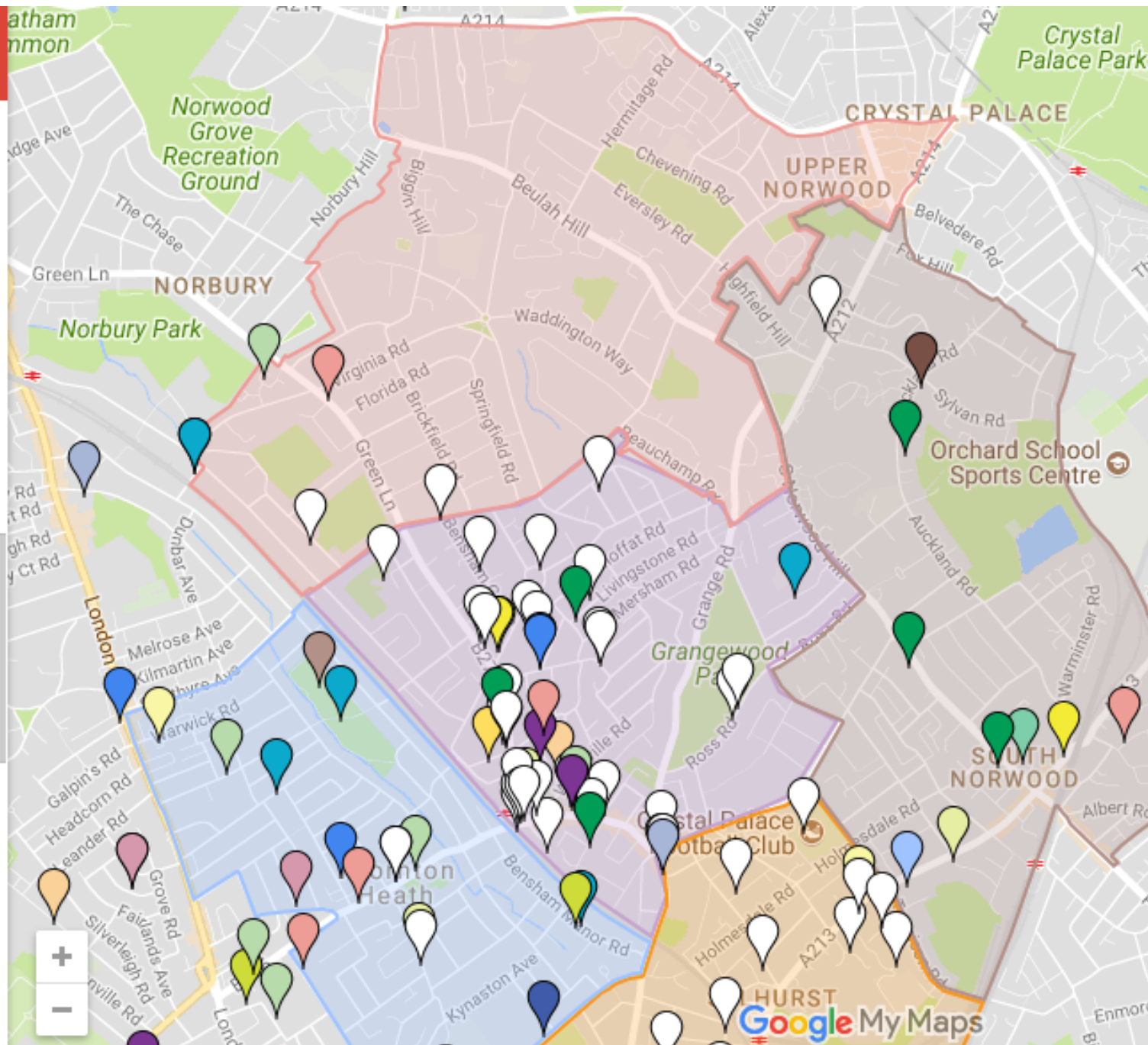
Google MyMaps Summary
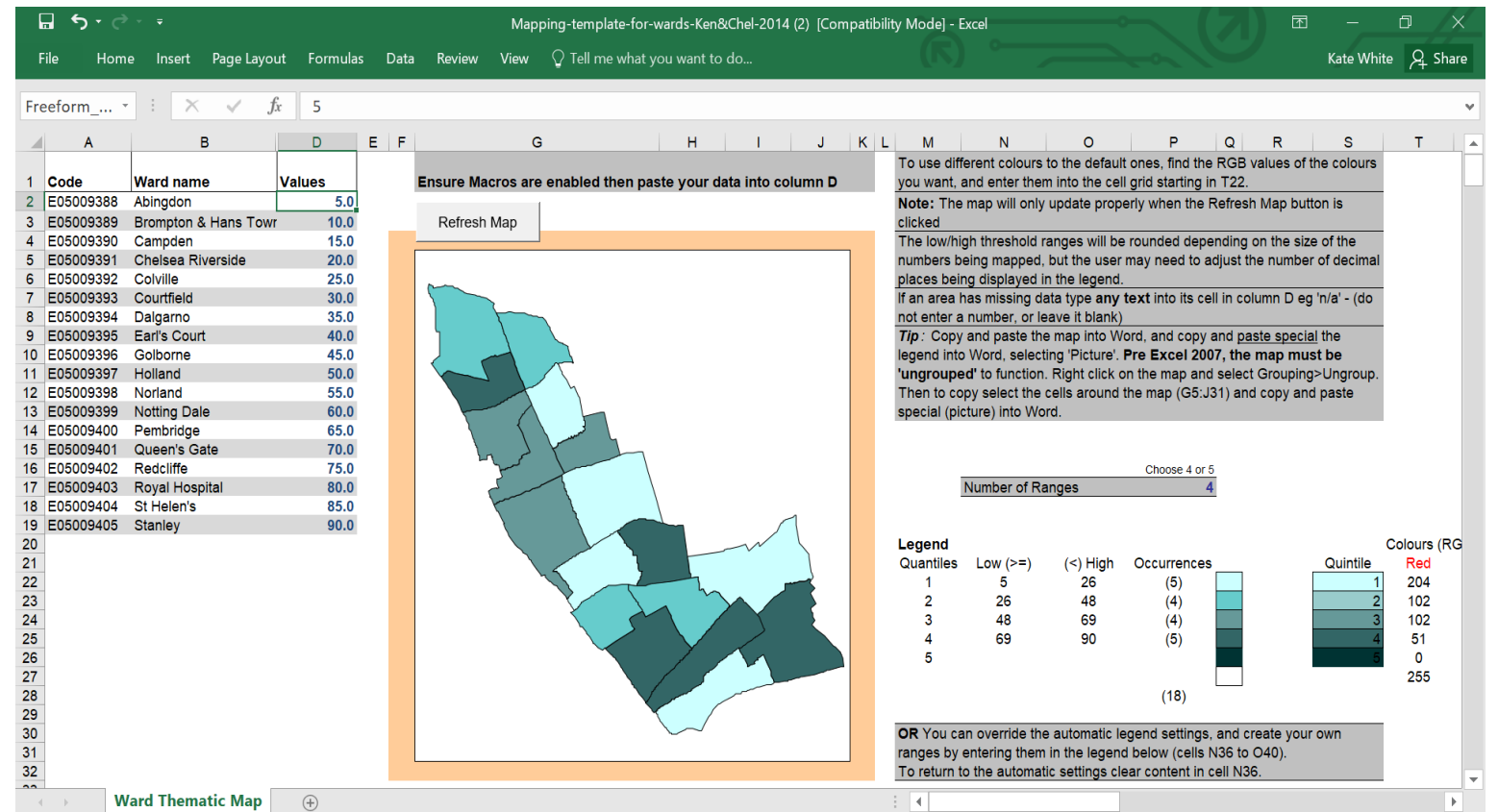
✓Import spreadsheet to plot points on a map

✓Add multi-media

✓Customise look and feel – range of icons

✓Add different layers (max 10)

✓Update data table within the map

✓Sharing – keep private, share with specific people, make public

✓[Find out more](#)

✓[Step by step guide](#)

Mapping at Ward or Borough level

- The London Data Store provides Excel mapping templates for each London Borough as well as for the whole of Greater London

- These are useful for simple data which are already organised by ward or borough

- Download and add your own data to create 'chloropleth' maps

Indices of multiple deprivation

Darker shades represent higher numbers of clients

Low (>=)	(<) High	Occurrences
1	5	(11)
6	10	(4)
11	15	(2)
16	20	(1)
21	25	

WARD KEY

1 Beddington North
2 Beddington South
3 Belmont
4 Carshalton Central
5 Carshalton South and Clockhouse
6 Cheam
7 Nonsuch
8 St. Helier
9 Stonecot
10 Sutton Central
11 Sutton North
12 Sutton South
13 Sutton West
14 The Wrythe
15 Wallington North
16 Wallington South
17 Wandle Valley
18 Worcester Park

What can you see?
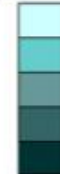
In this example, darker shades represent boroughs where young people have higher concerns about safety and the police.

Changes you can make to suit your data values…

✓ Change the number of Ranges from 4 to 5

✓ Adjust the Legend ranges & colours if you need to

✓ Drag the Borough labels below to overlay the map

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

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

The low/high threshold ranges will be rounded dependin 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

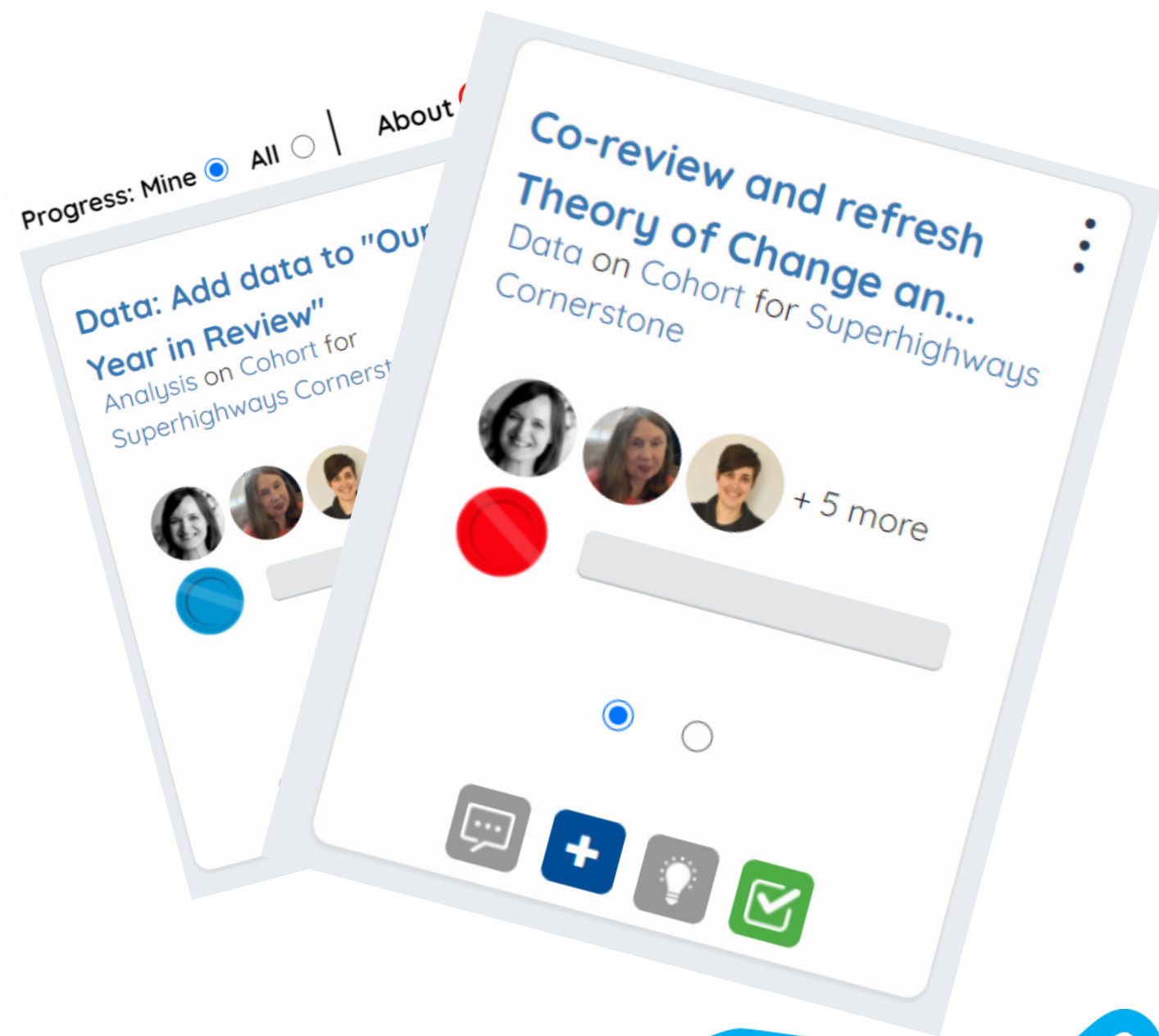| Equal ranges	Low (>=)	(<) High	Occurrences
1	0.5	0.5	(4)
2	0.5	0.6	(9)
3	0.6	0.6	(9)
4	0.6	0.7	(7)
5	0.7	0.7	(4)
			(33)

Some other borough data to map?

✓[Equalities, diversity and inclusion measures](#) – school exclusion rates by borough

✓[Young People NEETs by borough](#)

✓[Pupils eligible fo free school meals by borough](#) (primary & secondary)

✓[Access to open space and nature by Ward](#)

Break

Add your updates & progress to Makerble

Please also complete the Makerble survey (as though it was week 1) if you have not done so already

Next steps

✓Meet with your mentor

Checkout

Thank you for listening

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#DatawiseLondon