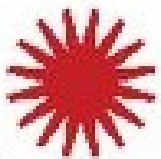# Data Analysis & Visualisation

Power BI is a Microsoft business analytics service - use to create interactive visual reports and dashboards. Access via Office 365 or download the desktop app for free.

Tableau is business intelligence software to help you see and understand your data. Charity discount available

Use the **Flourish** data studio to visualise and tell stories with your organisational data

Collecting data

Create and publish online surveys with **SurveyMonkey.** Basic free account does not allow export of data to Excel.

Create and publish surveys online in minutes with **Google Forms**. View results graphically and in real time. Free.

With Microsoft Office 365 forms you can easily create quizzes, surveys and polls and see the results as they come in.

Create a **QuickTap** survey online and collect responses using a tablet even when you are offline. Starts at $16/month.

Mapping

The simplest of mapping tools - copy and paste postcode data from Excel into **Batchgeo** and produce a map in seconds

Use **Google My Maps** layers to build your map and import KML files for ward and borough boundaries

A powerful GIS and web mapping platform - connect your data to **Carto** and map away!

Input a postcode, and My Society's **MapIt** tells you which ward & local authority it's in and more with a KML file dowload

Infographics

Infogram lets you create infographics and interactive online charts. Basic free account available.

Create infographics and more for web or print with C**anva**. Charities can upgrade to Canva for Work for free.

Choose from a range of templates to visually present data. Charity discount for **Piktochart** Pro.

Another free infographic tool, with **Vengage** choose a template, and charts and visuals to bring your data to life

Useful Data Sources

Nomis
https://www.nomisweb.co.uk

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

Stat-Xplore
https://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

YouGov Results
https://yougov.co.uk/results/

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

London Datastore
https://data.london.gov.uk/

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

Public Health
https://fingertips.phe.org.uk/

These profiles are a rich source of indicators across a range of health and wellbeing themes designed to support JSNA and commissioning to improve health & wellbeing and reduce inequality

Metropolitan Police
https://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.

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.

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

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