



Challenges, and Solutions for Analysing New Forms of Data

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Geographic
Data Science
Lab



Consumer
Data
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An ESRC Data
Investment

Summary

- The way we do quantitative social sciences is and will change
- Data assets that we have traditionally relied upon are increasingly under threat
- Desperate need for new infrastructure & training



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Data On Canada Is Drying Up Since The Nation Scrapped Its Mandatory Long-Form Census

The change has affected business systems, researchers, government agencies and journalists.

By [Michael Sauter](#)

Five years ago, Canada's constitutionally mandated

The consequences of relying on survey data are becoming increasingly apparent. Business and government officials are finding it harder to get a clear picture of the economy under Ben

That pattern is leading in Canada, the government is considering the voluntary form. It's a move that could mean the loss of 25 million data points.

Pacific Standard

NEWS ECONOMIC EDUCATION ENVIRONMENT SOCIAL JUSTICE WELFARE BUSINESS TRAVEL

Home > News

WHY A CENSUS UNDERCOUNT SPELLS TROUBLE FOR SOCIAL SCIENTISTS

Social scientist groups say a changing justice cloud will be a problem for researchers if the government doesn't act.

DATE: WEDNESDAY - MAR 26, 2014

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Photo: New York City Department of Transportation/Photo

For the first time in decades, the census will include a question asking respondents if they are United States citizens.

The Department of Commerce, which oversees the Census Bureau, announced that it will include a question asking respondents if they are United States citizens.



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National census to be used after 200 years

The United Kingdom's population was first counted by the Government, and has been used after more than 200 years, The Daily Telegraph has learned.



David Cameron, the Conservative Party leader, says the census, which has been used for more than 200 years, will be replaced and replaced with a new one.

The Telegraph is on Facebook

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Survey Response Rates

"[Sample survey's] glory years, we contend, are in the past"

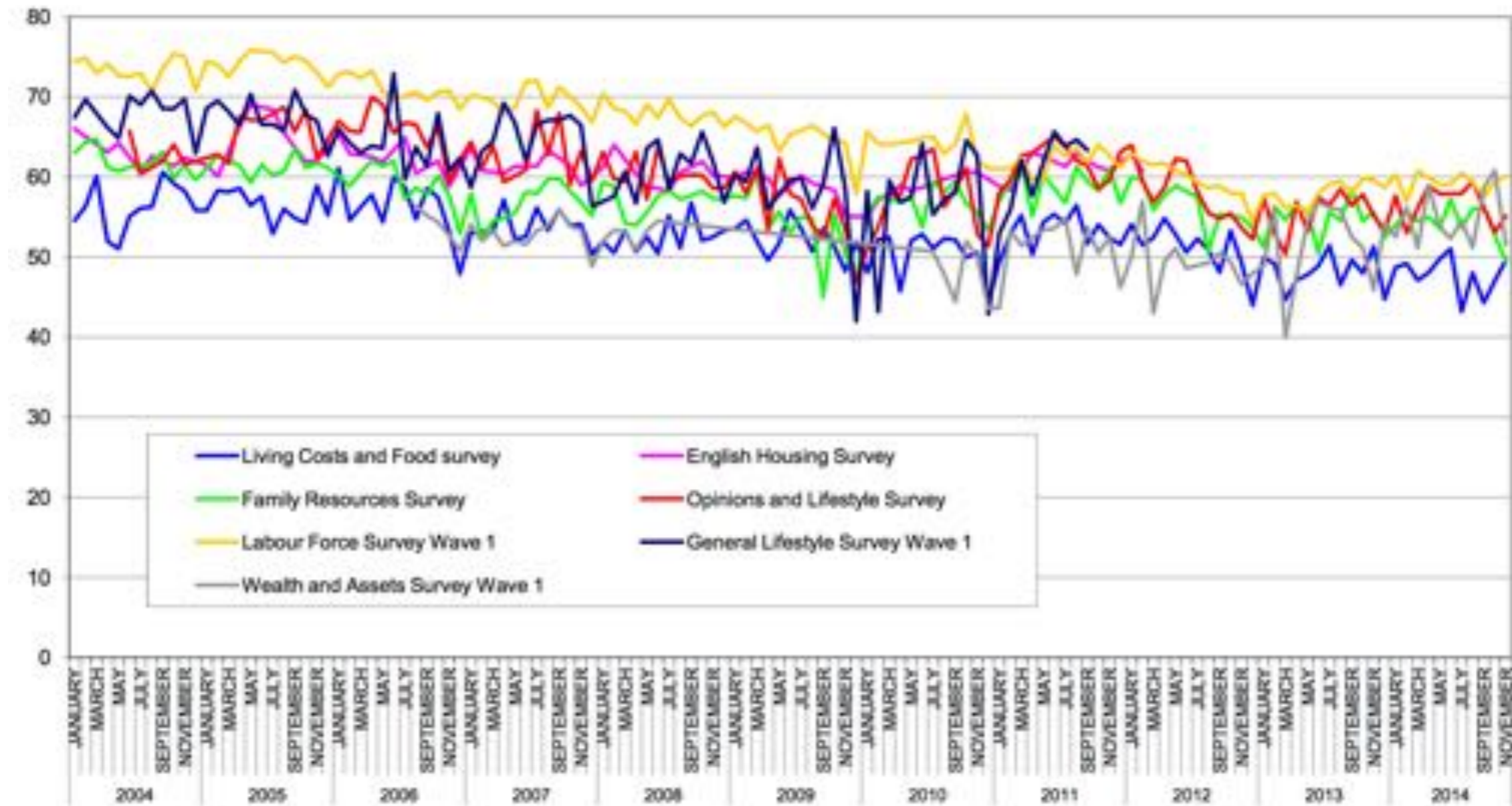
Savage and Burrows, 2007: 890

"Refusals to participate are also increasing"

de Heer, 2004:5



UK ONS Surveys 04-14



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The screenshot shows the Valuation Office Agency website. At the top left is the VOA logo and the text "Valuation Office Agency". To the right are links for "Data Policy", "Site Map", "Accessibility", and "Text size: A A A", along with a search box. Below this is a navigation bar with links for "Home", "About the VOA", "Jobs", "Publications", and "Contact the VOA".

The main content area is titled "Crown Copyright" and includes the following text:

You are here: [Home](#) > [Crown Copyright](#)

Crown Copyright

Crown copyright statement for Valuation Office Agency website.

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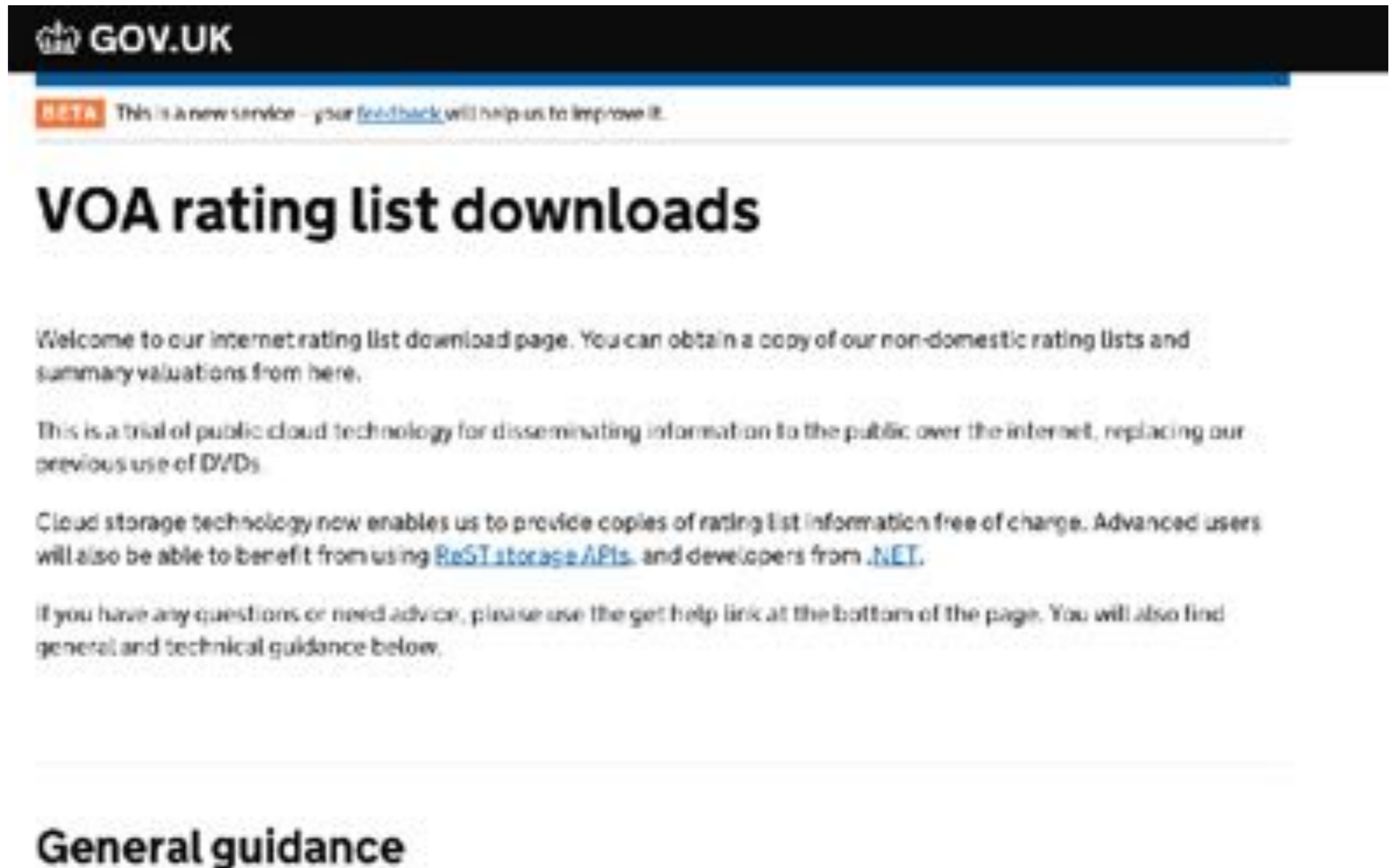
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On the left side of the page, under the heading "In this section:", there is a list of links: "Crown Copyright", "Terms & Conditions", "Privacy Policy", "Site Map", and "Freedom Of Information".

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GOV.UK

BETA This is a new service – your [feedback](#) will help us to improve it.

VOA rating list downloads

Welcome to our internet rating list download page. You can obtain a copy of our non-domestic rating lists and summary valuations from here.

This is a trial of public cloud technology for disseminating information to the public over the internet, replacing our previous use of DVDs.

Cloud storage technology now enables us to provide copies of rating list information free of charge. Advanced users will also be able to benefit from using [ReST storage APIs](#), and developers from [.NET](#).

If you have any questions or need advice, please use the get help link at the bottom of the page. You will also find general and technical guidance below.

General guidance



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“enable **anyone** to exercise their right to view rating assessments in the compiled rating lists”

- > No aggregate statistics beyond those which are supplied by VOA
- > No OGL



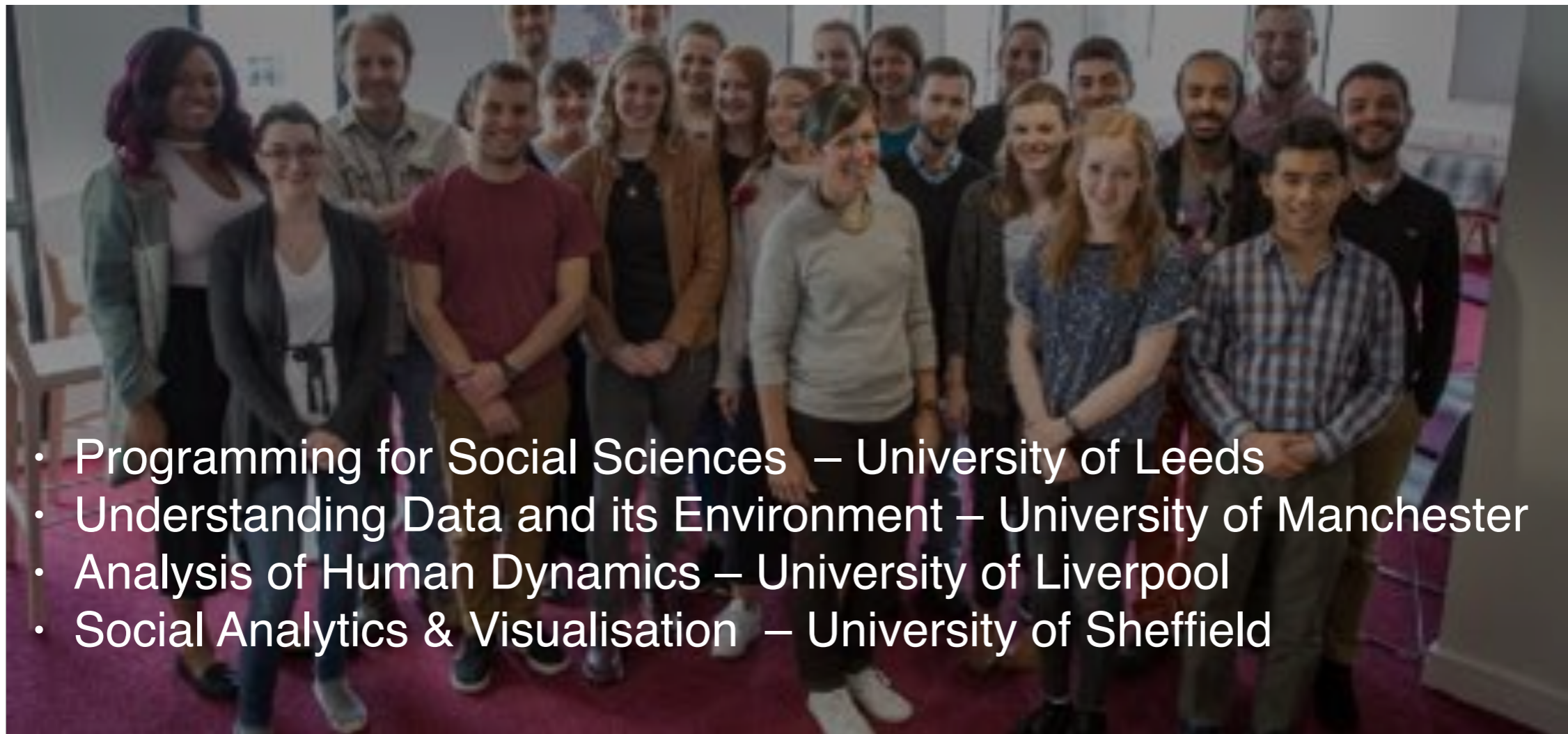
• **3 Tiers**

- **Secure**
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Skills

- Skills acquisition



- Programming for Social Sciences – University of Leeds
- Understanding Data and its Environment – University of Manchester
- Analysis of Human Dynamics – University of Liverpool
- Social Analytics & Visualisation – University of Sheffield



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