Combining Open and Financial Data for Targeted Policy Solutions

Dr Mike Spencer

SMART DATA FOUNDRY
Talk structure

Case study

Data and process

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Case study

- East Renfrewshire Council
- Locations needing cost of living support
- Emerging financial vulnerability
Case study

- Intervention aimed at areas, not individuals
- Context surrounding financial well-being
- Opportunity to incorporate other data of interest
Data model

- Overdraft use
- Disposable income
- Benefits income
- Essential expenditure
- ...

- Young mums
- Energy efficiency
- Childcare
- Disability
- Healthcare
- School attainment
- ...

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In practice?
Future developments

- Enable government access to research
- Include business data
- Iterate on financial well-being indicators
- Expand open, contextual datasets
Data and process
About Smart Data Foundry

Smart Data Foundry is a spin-out from the University of Edinburgh’s £600m flagship Data Driven Innovation programme.

Our purpose – to inspire financial innovation and improve people’s lives by unlocking the power of financial data.

A not-for-profit organisation with initial seed capital provided by the UK Government’s Department for Business, Innovation & Industrial Strategy through the UK Research & Innovation Strength in Places Fund.

smartdatafoundry.com
Unlocking the power of financial data to help tackle the most pressing current issues – the cost of living crisis and countering climate change, and inspiring financial innovation through data.

STOP THE SQUEEZE
Helping communities and small businesses with the cost of living crisis

INSPIRING FINANCIAL INNOVATION
Using data to inspire and accelerate financial innovation

COUNTERING CLIMATE CHANGE
Helping the world halt and counter Climate Change
Data

- Account data for 1.2M customers
- Great Britain coverage
- Aggregated over categories and time
- Pseudo-anonymised
- Updated weekly
Process

- Information governance modelled on eDRIS
- epcc national safe haven
- Data minimisation
- 5 safes – projects, people, settings, data & outputs
- Researcher data access and support
This site hosts **294 linked data datasets** and **10 downloadable files and web links** which you can browse and download in multiple formats, and access programmatically using our APIs.

<table>
<thead>
<tr>
<th>LATEST UPDATES</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Winter Heating Assistance</td>
<td>09/05/2023</td>
</tr>
<tr>
<td>Local Authority Vacant Dwellings (vacancies arising during the year)</td>
<td>05/05/2023</td>
</tr>
<tr>
<td>Local Authority Vacant Dwellings</td>
<td>05/05/2023</td>
</tr>
<tr>
<td>Local Authority Housing Lettings</td>
<td>05/05/2023</td>
</tr>
<tr>
<td>Local Authority Housing Stock by Age</td>
<td>05/05/2023</td>
</tr>
</tbody>
</table>

**EXPLORE BY THEME**

- Access to Services
- Business, Enterprise and Energy
- Children and Young People
- Community Wellbeing and Social Environment
- Crime and Justice
- Economic Activity, Benefits and Tax Credits
- Economy
- Education, Skills and Training
- Environment
- Geography
- Health and Social Care
- Housing
- Labour Force
- Management Information
- Population
- Reference
- Scottish Index of Multiple Deprivation
- Transport

**EXPLORE BY ORGANISATION**

- Accountant in Bankruptcy
- Care Inspectorate
- National Records of Scotland
- Public Health Scotland
- Registers of Scotland
- Revenue Scotland
- Scottish Fire and Rescue Service
- Scottish Government
- Scottish Natural Heritage
- SEPA
- Social Security Scotland
- Transport Scotland
- VisitScotland
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