



UK Research
and Innovation

HDRUK
Health Data Research UK



ADRUK
Data-driven change

DARE UK

(Data and Analytics Research Environments UK)

DARE UK Community Groups Showcase webinar

23 April 2024, 13:00 – 14:00

Context setting

Balint Stewart, Programme Manager

Pan-UKRI data infrastructure programme for secure, cross-domain sensitive data research

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Science and
Technology
Facilities Council



Economic
and Social
Research Council



Innovate
UK



Medical
Research
Council



Natural
Environment
Research Council



Biotechnology and
Biological Sciences
Research Council



Arts and
Humanities
Research Council



Engineering and
Physical Sciences
Research Council

What is sensitive data?

Sensitive data is data that contains **personally identifiable information** such as names, addresses and identifying numbers or **commercially sensitive information** such as retail information and confidential product details.

This **data can still be sensitive once it has been de-identified** (has had all personal identifiable information removed), particularly if there is potential for re-identification when used with other data.

The Five Safes Framework

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- Safe people - are the researchers involved trustworthy and sufficiently skilled?
- Safe projects - is the proposed research question sensible, ethical and lawful?
- Safe settings - is the research environment sufficiently secure?
- Safe data - how can we minimise the amount of potentially disclosive data we work with while keeping it useful?
- Safe outputs - do we have mechanisms in place to ensure that confidentiality is maintained in any final research outputs?



You may hear the term ‘Trusted Research Environments’ (or TREs), also known as ‘Secure Data Environments’ (SDEs) today...

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TREs are **secure computing environments**. They **often hold sensitive data** from a range of sources.

TREs are the ‘safe settings’ where researchers access **sensitive data for research**, via a rigorous approval process:

- Data is accessed by **approved researchers** in a **de-identified form**, and only for **approved projects in the public interest**
- The data **stays in the TRE** and is not downloaded to the researchers own system, **outputs** leaving the TRE are rigorously checked to make sure they are safe



DARE UK Community groups

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- Launched in April 2023 and modelled on the Research Data Alliance community groups
- Four Community Groups were funded by DARE UK over 5-months (November 2023 – April 2024)

**Statistical Disclosure Control –
Reducing Barriers to Outputs from
TREs (SDC-REBOOT)**

AI Risk Evaluation Working Group



**UK Trusted Research Environment
Community Management and
Engagement Interest Group (UK TRE)**

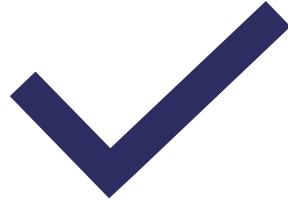
DARE UK Community Group criteria

Community Charter



*Common,
specific
purpose*

Code of conduct



*Clear **rules**
and
expectations*

Co-Chair leadership



*Identifiable,
motivated
leadership for
**community
coordination***

Open publishing



Transparent

Today's agenda

| Time | Item |
|-------|--|
| 13:00 | Welcome, Context Setting and Housekeeping Balint Stewart (DARE UK) |
| 13:10 | Presentation 1: Public Engagement and Data Research Initiative (PEDRI) Presenters: Doreen Tembo, Paola Quattroni, Samaira Khan (HDR UK) |
| 13:22 | Presentation 2: UK Trusted Research Environment Community Management and Engagement Interest Group (UK TRE) Presenter: Hari Sood (Alan Turing Institute) |
| 13:35 | Presentation 3: AI Risk Evaluation Working Group Presenter: Lewis Hotchkiss (Swansea University) |
| 13:47 | Presentation 4: Statistical Disclosure Control – Reducing Barriers to Outputs from TREs (SDC-REBOOT) Presenter: Jim Smith (UWE) |
| 14.00 | Event Close |

Housekeeping and meeting etiquette

- Please keep **microphones muted** unless you are invited to ask a question
- Please post any **questions** in the **chat** - (there will be 2 mins only for **Q&A** after each presentation) or use the **raise hand function** if you would like to ask a question out loud
- Please ensure that all communications are **respectful** and that all questions and comments relate directly to the Community Group's work
- The presentations will be **recorded** and both the **slides** and the **recording** of the presentations will be **shared**

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