

# Group 1 homepage

**Fill in a sticky  
to tell the  
group a little  
about  
yourself!**



# Game

Working as a group guess the animal in <5 turns

Agree what questions to ask next

Yes/No questions only

What animal am I  
thinking of?



\_\_\_\_\_

Clue: It has 7 letters

# Workshop group ground rules

Work together to create a set of agreed ground rules for the day



# Your thoughts...



# Your questions...



Activity: How might views differ regarding the motivations, concerns and benefits associated with data research and security?

**Motivations**

**Benefits**

**Concerns**

Activity: How might views differ regarding the motivations, concerns and benefits associated with data research and security?

What are your...

**Motivations**

**Concerns**

**Benefits**

Activity: How might views differ regarding the motivations, concerns and benefits associated with data research and security?

What might others think?  
Do you agree/disagree?

**Motivations**

I want to provide a service to researchers to help them to do great research that has positive impacts.

Fatima, who works at a trusted research environment (TRE)

**Concerns**

I need to make sure data is kept safe and secure. I need to know that anybody I provide data access to really needs it and can't misuse it.

**Benefits**

Public sector data gives a more accurate picture of life in the UK than other types of data collection, like surveys.

**Benefits**

If I share this data for research, expert academics can give me valuable insights into how to make my services work better for people.

Kelly, who works at the Department for Education

**Concerns**

If I share this data for research, how can I be sure the people I am sharing it with are keeping it safe and using it responsibly?

**Motivations**

Better services means better lives for the people who rely on us, as well as better use of public money so that more can be spent where it's really needed.

**Motivations**

I want to improve our understanding of this issue, so that it can be dealt with better.

**Benefits**

My research findings will help policymakers and public service providers improve their policies and services, so they work better for people.

**Concerns**

If I can't get hold of the data I need quickly my research might no longer be useful as the data will be out of date.

Ben, who is an academic researcher at Swansea University



# Activity: Data research case studies

## Homelessness and education

### **Goal of this research**

To look at the effect of homelessness on children's education

### **Data Used**

Local authority data records of homeless households, linked to test data from schools (de-identified)

## Air pollution and health

### **Goal of this research**

To better understand the impact of air pollution on health.

### **Data Used**

- Air pollution data (by town)
- Census records linked to GP asthma records (de-identified)

## Mental health and crime

### **Goal of this research**

To examine the relationship between mental health and becoming a victim of crime.

### **Data Used**

Health records linked to police records (de-identified)

High

## Activity: Data research case studies

Move each card to where you agree it sits on the benefit scale.  
Then, see if you have to move the card depending on where you think it sits on the risk scale.

B  
E  
N  
E  
F  
I  
T

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R  
I  
S  
K

Low

High

## Activity: Data research case studies

Does your thinking change when you know who accessed the data?

B  
E  
N  
E  
F  
I  
T

### Homelessness and education

**Goal of this research**

To look at the effect of homelessness on children's education

**Data Used**

Local authority data records of homeless households, linked to test data from schools (de-identified)

**Accessed by:** Government department

### Mental health and crime

**Goal of this research**

To examine the relationship between mental health and becoming crime victim.

**Data Used**

Health records linked to police records (de-identified)

**Accessed by:** University researcher

### Air pollution and health

**Goal of this research**

To understand the impact of air pollution on health.

**Data Used**

- Air pollution data (by town)
- Census records linked to GP asthma records (de-identified)

**Accessed by:** Private company making low-emission cars

R  
I  
S  
K

Low

## Activity: Data access methods

Part 1: rank the different data access methods in terms of how secure you think they are, from most to least secure.

Part 2: now, rank them in order of which you think have the best balance of both data security, and convenience for the researcher.



Data is accessed and analysed in a remote 'safe room' based at an approved university

Data is accessed and analysed in a remote 'Safepod' based at universities across the UK

Data is accessed and analysed on the researcher's own laptop via an approved, secure remote connection – either in their office or at home.

Data is accessed and analysed in a secure, on-site computer room run by the trusted research environment (TRE) itself

Activity: These are words/phrases commonly used when talking about data research. Move the words around the board according to how well you feel you understand them.

Data analytics

Research data  
Infrastructure

Cloud  
connection

Data sharing

Trusted research  
environment

Remote  
connection

Public good

Research  
environment

Sensitive data

Data linkage

Administrative  
data

Data custodian



Activity: How would you explain...?



**Sensitive  
data**

**Data  
research**

**Trusted  
research  
environment**



# Activity: Give your feedback on our definitions...

## Sensitive data

Sensitive data is data which includes personally identifiable information such as names and addresses, or data which is commercially sensitive (has economic value, such as customer lists or product formulas). It also includes data which has been de-identified but is still sensitive due to the potential for re-identification.

## Data research

Sensitive data is often used for research to better understand how society works. For example, researchers use sensitive data to develop important new insights into issues such as health, education, the environment, the economy and more. This helps to inform public policy and services so that they work better for people.

## Trusted research environments

A trusted research environment (TRE) is a digital system that securely holds and provides access to sensitive data for approved researchers. Strict security measures protect the privacy of the people the data is about and significantly reduce the potential for data misuse or the possibility of re-identification of de-identified data.