

## Consent Form – User Research

Dear \_\_\_\_\_,

Thank you for agreeing to participate in this research session. Your participation is helping build a better understanding how decision-makers and data practitioners engage with time series data.

The purpose of this research is to improve how data practitioners better understand and explain the impact of downsampling time series data. Today, industry and research are generating observations from repeated measurements over time (time series data) in unrepresented volumes and increasing speeds. To collect, store and make this data understandable to humans, some data must be discarded; one process to do this is called downsampling. By improving how this process is understood and explained, it is hoped that this research will support data practitioners to communicate whether data being considered by decision-makers reliably and truthfully reflects the situation being decided on, and help increase decision-makers trust in data-led decision-making.

This research session will take the form of an interview, during which certain types of personal data may be collected. However, strict principles and processes for data collection and protection will be followed.

### Information being collected:

- Personal data including name, job role and experience of data
- Personal views on the topic of this research
- You may be shown prototype data visualisations and asked for your feedback
- The research session will be recorded and notes taken to document your reflections

### Privacy will be maintained by:

- Never sharing any recordings or information about you beyond the researcher and potentially the research supervisor
- All recordings and information collected will be treated as confidential, anonymised and stored in password protected folders
- Your comments may be published as part of this research, but your data will be anonymous – this means your name, identity and job role will not be linked in the research to anything you say or do

### Please note:

- There are no right or wrong answers; the purpose of this session is to understand how people engage with a particular type of data
- You are not being evaluated in any way
- Your name will not be associated with any data collected during the session

### How to contact the researcher or supervisor

If you have any questions, would like to withdraw from the research or have your data removed, please contact either:

- the researcher **Morgan Frodsham** at [M.C.M.Frodsham2@newcastle.ac.uk](mailto:M.C.M.Frodsham2@newcastle.ac.uk)
- the supervisor **Matthew Forshaw** at [matthew.forshaw@newcastle.ac.uk](mailto:matthew.forshaw@newcastle.ac.uk)

**Please confirm what applies:**

- ☐ The purpose of the research has been explained to me
- ☐ I had the opportunity to ask questions about the research
- ☐ I understand that taking part is voluntary and that I can withdraw at any time
- ☐ I understand that any data I enter is for demonstration purposes

**1a. I give consent to be recorded during this research for the use of these recordings by Morgan Frodsham for her MSc at Newcastle University**

Please choose:

- ☐ Yes (Please select all that apply from 1b)
- ☐ No

**1b. Please tick the boxes below to confirm your consent**

- ☐ Audio record my user research session
- ☐ Screen record my user research session

**Using your data:**

- ☐ I give consent to include analysis of my feedback and/or quote me in publications, reports and web pages in the public domain (I will not be personally attributed)
- ☐ I give consent for my feedback to be anonymised and aggregated with all other participants' feedback for further research on the topic outlined in this consent form
- ☐ I consent to video clips of the research session being shown to the research supervisor to help the research understand user needs and where research could be improved
- ☐ I agree to recordings and documentation of this research being stored securely on the computer of Morgan Frodsham (recordings are for transcription purposes and will be held for a maximum of 12 months, while other documents will be held for a maximum of 24 months, before being securely destroyed)

**Participant email address (optional):**

**Signed (by the participant - digital signature acceptable):**

**Printed name (of participant):**

**Date:**

Yours sincerely,

**Morgan Frodsham** (Researcher)