



Part one: BRIEF INTRODUCTION TO RDM

What do we mean by

RDM?

RESEARCH

DATA

MANAGEMENT







RDM and sharing (anonymised) research data can lead to making more progress as a research community collectively



Anonymisation:

the art, or craft, of lowering or minimising the risk of individuals being identified from data

Source: https://ukanon.net/

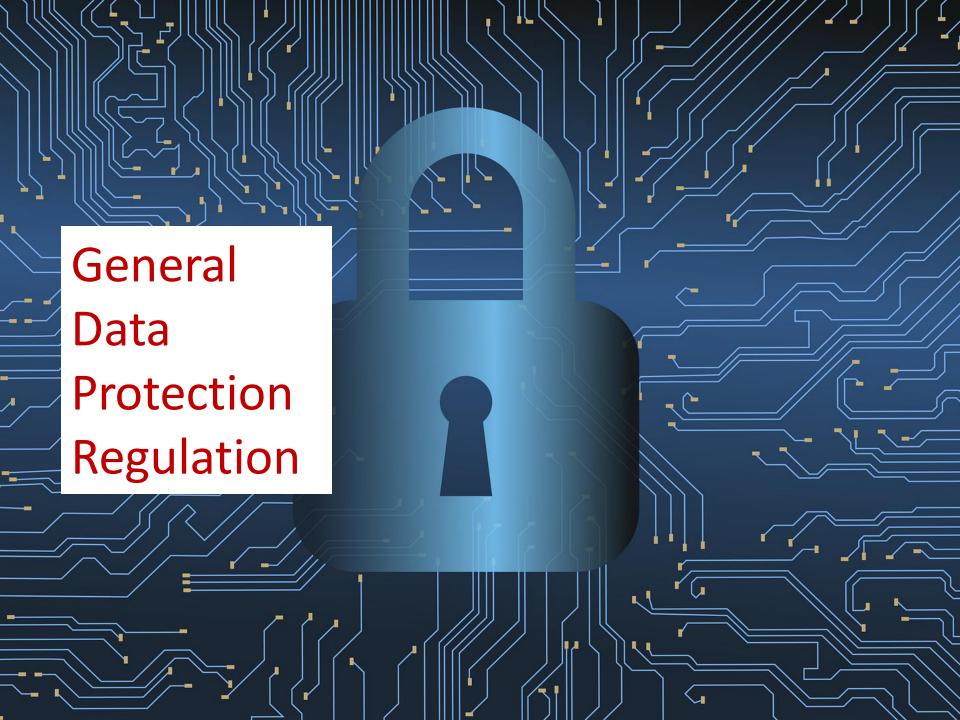
Research on re-identification: https://cpg.doc.ic.ac.uk/individual-risk



your research. Other meanings also.



Part two: LEGAL CONSIDERATIONS OF SHARING RESEARCH DATA





Lawful bases for processing personal data



Principles
pertaining to
processing
personal data





		7			
1	Personal name	D.O.B.	Postcode	E-mail address	Occupation
2	Derek Bradley	1971-10-27	M2 1LB	sian70@example.org	Therapist, occupational
3	Mr Graeme Barry	1958-10-30	HD3 3WN	cameroncarter@example.org	Chartered legal executive (England
4	Charlene Rice	1985-04-01	E5H 1JN	gordonjade@example.com	Hydrologist
5	Nigel Dodd	1952-05-26	W4 1PW	billy20@example.com	Marine scientist
6	Mrs Andrea Rose	1996-04-10	CA20 9ND	victor57@example.net	Records manager
7	Mr Matthew Manning	1981-06-04	B97 9HR	lbrowne@example.com	Clinical biochemist
8	Katherine Fletcher	1982-09-20	B8B 2RZ	yjohnson@example.net	Hospital doctor
9	Adam Parsons	1992-05-13	M2C 6JX	zbailey@example.com	Call centre manager
10	Dr Russell Russell	1988-06-23	SY5 3UJ	hughwright@example.org	Museum/gallery curator
11	Edward Johnson	1964-08-10	CH13 7JJ	lahmed@example.net	Buyer, retail
12	Mr Brett Allan	1993-11-13	TD1 4UT	robertsgerard@example.net	Engineer, materials
13	Mohammad Walker	1986-01-31	SK27 9XR	moorerebecca@example.net	Nurse, children's
14	Mrs Josephine Davis	1990-11-01	G0W 8FL	daniel65@example.org	Futures trader
15	Jack Hobbs	1965-04-07	OL7W 2HQ	qashton@example.net	Equities trader
16	Aimee Chan-Harrison	1970-04-25	B4J 9BL	proberts@example.com	Ship broker
17	Mr Neil Mitchell	1962-06-22	L6K 5FX	kentphillip@example.net	Clothing/textile technologist
18	Max Jenkins	1967-11-17	LS7 8EZ	yandrews@example.com	Holiday representative
19	Andrew Bennett	1964-10-23	HS98 5TZ	walkervictor@example.org	Librarian, public
20	Clan lance lance	1059 11 20	CEA 1UT	heinah@avampla.nat	Malleita goalogiet

Do you really need to collect personal data?



Not all research data obtained from participants constitute personal data

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Anonymised text

Interview recorded: October 2011

Interviewee ref: 2011/67

School year: Key Stage 1

School local authority area: Lynenham District

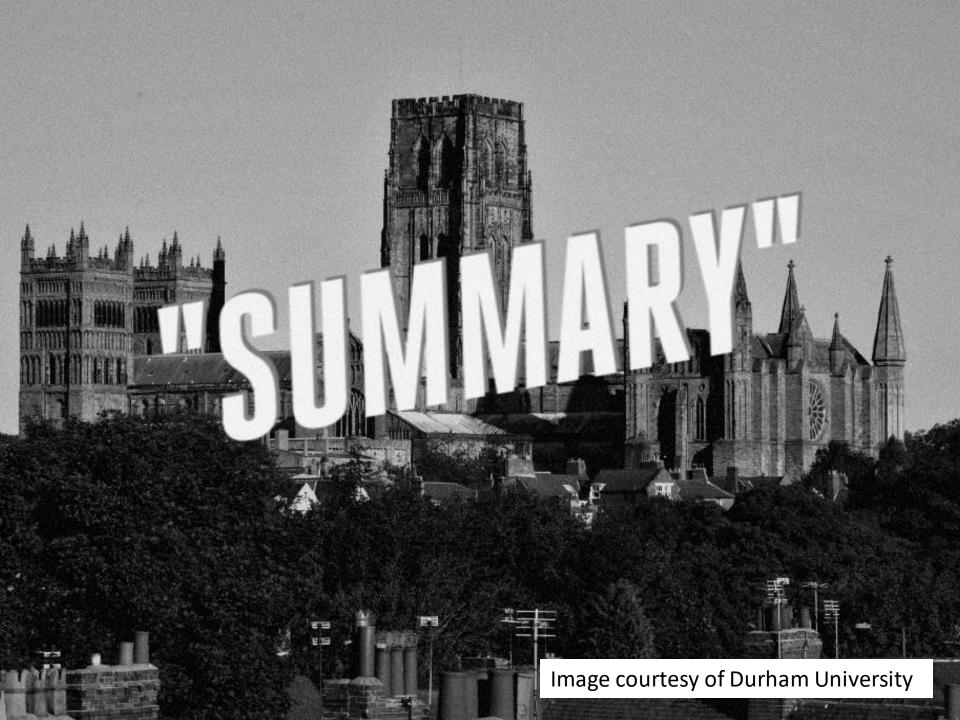
Council

I live in [LM51 postcode] so I walk to school every day. I live with [family members]. When I get home from school I watch TV. I don't like reading but I like watching Harry Potter films. My favourite subject at school is art. My teacher is Mr [teacher's name] and he is very nice. I used to get bullied by [other pupils] but I told [the teacher] and they stopped.

I play football for [a local team], and we are good. I play midfield.







Part three: ETHICAL CONSIDERATIONS OF SHARING RESEARCH DATA









Promise of anonymity









Benefits of sharing

Part four: QUESTIONS AND SUMMARY



References:

Corti, L., Van den Eyden, V., Bishop, L., Woolard, M. (2020): Managing and sharing research data: a guide to good practice. 2nd ed. London: Sage.

Piwowar, H. A., Day, R. S., & Fridsma, D. B. (2007): "Sharing detailed research data is associated with increased citation rate," PLoS ONE 2(3): e308.

DOI: https://doi.org/10.1371/journal.pone.0000308

Rocher, L., Hendrickx, J.M. & de Montjoye, YA. (2019): "Estimating the success of reidentifications in incomplete datasets using generative models," *Nat Commun* 10, 3069. DOI: https://doi.org/10.1038/s41467-019-10933-3