

# Genealogy Discovery

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## Data Linkage

Identifying records that correspond to the same entity in multiple data sources. Many application areas:

- Health Sector
- National Censuses
- National Security
- Digital Libraries
- E-Commerce
- Social Science Research
- Economics

## Genealogy Linkage

Using historical records to reconstruct family histories. Motivation:

- For individuals: desire to learn about ancestors
- For historians and historical demographers: answering research questions.
  - Change in family sizes over time
  - Relation of wealth and causes of death
  - Patterns in occupation changes
  - And many more...

University of St Andrews

Administrative Data Research Centre Scotland

digitising SCOTLAND

understanding Scotland's people

Page 2] The undermentioned Houses are situate within the Boundaries of the

No. of Houses	ROAD STREET, &c. and No. or NAME of HOUSE.	HOUSES (No. of subject or (2) or (3))	NAME and Surname of each Person.	RELATION to Head of Family.	CONTRIBUTION as to Marriage.	AGE (last Birth-day)	PROFESSION or OCCUPATION.	Employer.	Employed.	WHERE BORN.	Gaelic, or G. & E.	Whether able to read and write, and working on own account.	Rooms with One or more Windows.
4	Manse (Barrack)	1	Theresa Wilson	Head	None	50	Letter			Strathgairn Barrack	Scot		2
5		1	John McLean	Head	None	47	Minister of Barrack & Barrack		X	Scot	Scot		18
			Charles McLean	Wife	None	33	Wife			Scot	Scot		
			Agnes McLean	Daughter	None	9	Scholar			Scot	Scot		
			John McLean	Son	None	4				Scot	Scot		
			Agnes McLean	Daughter	None	2				Scot	Scot		
			Agnes McLean	Daughter	None	1				Scot	Scot		
6		1	James Scott	Engineer	None	32	Governor		X	Scot	Scot		
			Agnes Scott	Wife	None	27	House Maid Domestic			Scot	Scot		
			John Scott	Son	None	10	Scot			Scot	Scot		
			Agnes Scott	Daughter	None	8	Minister's Wife		X	Scot	Scot		
			John Scott	Son	None	4	Scot			Scot	Scot		
7		1	James McLean	Head	None	40	Scot			Scot	Scot		2
			Agnes McLean	Wife	None	30	Scot		X	Scot	Scot		2
			John McLean	Son	None	10	Scot			Scot	Scot		2
			Agnes McLean	Daughter	None	8	Scot			Scot	Scot		3
			John McLean	Son	None	6	Scot			Scot	Scot		
			Agnes McLean	Daughter	None	4	Scot			Scot	Scot		
			John McLean	Son	None	2	Scot			Scot	Scot		
			Agnes McLean	Daughter	None	1	Scot			Scot	Scot		
			John McLean	Son	None	1	Scot			Scot	Scot		
			Agnes McLean	Daughter	None	1	Scot			Scot	Scot		
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			Agnes McLean	Daughter	None								