

Wait! There is more ... What about Privacy ?

Due to privacy concerns, **you are not allowed to see all the identifying information during the user study**


We have attempted to convey sufficient information for the record linkage task

The upcoming pages will give you an understanding of how the data is disclosed on a need to know basis

Checkmarks: Identical values




Identical values are represented by checkmarks

1	1234567891	∞	BRIAN	TIPTON	∞	9/9/1960	W
	1234561291	25	BRIANNA	TIPTON	∞	9/9/1960	W
							
1	*****78**	∞	*****	✓	∞	✓	✓
	*****12**	25	*****NA	✓	∞	✓	✓

Stars (*) are used for Similar Values

When two items are similar, the characters that are the **same are represented by stars (*)**. Only the characters that are different are revealed.

1	1234567891	∞	BRIAN	TIPTON	∞	9/9/1960	W
	1234561291	25	BRIANNA	TIPTON	∞	9/9/1960	W
							
1	*****78**	∞	*****	✓	∞	✓	✓
	*****12**	25	*****NA	✓	∞	✓	✓

Stars (*) when a value is missing

When one of the values in a pair is missing, the other one is represented by ***

7	0000018335	∞	PATSY	CALLAHAN	...	11/13/1948	B
	?	∞	PATSY	CALLAHAN	...	?	B



7	*****	∞	✓	✓	...	**/**/****	✓
	?	∞	✓	✓	...	?	✓

Different items



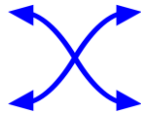
When two items are very different, they are left fully revealed. However, when ID and race are very different, they are represented by @ and &

13	6556368585	①	WILL	GREENE	∞	07/03/1950	B
	1092091430	①	DAVE	GREENE	∞	07/03/1950	W



13	@@@@@@@@@	①	WILL	✓	∞	✓	@
	#####	①	DAVE	✓	∞	✓	&

Swaps



When names are swapped, the swapped names are represented by &&& and @@@@

2	0000006947	①	BRYANT		MADLINE	①	02/05/1962	W
	0000006947	2 5	MADLINE		BRYANT	∞	05/02/1962	W



2	✓	①	aaaaaa		~~~~~	①	02/05/****	✓
	✓	2 5	~~~~~		aaaaaa	∞	05/02/****	✓

Understand the mapping?

Take a moment to look at the next slide carefully and understand how the data is getting mapped.

Pair	ID	FFreq	First name	Last name	LFreq	DoB (M/D/Y)	Race
1	8000002767 ✗	①	JUDE	WILLIAM	①	09/09/1906	W
	8000003567	①	JUDE	WILLIAM JR	①	09/09/1960	DIFF B
2	0000006947	①	BRYANT	MADELINE	①	05/02/1962	W
	0000006947	25	MADELINE	BRYANT	∞	05/02/1962	W
3	9000018540 DIFF	...	SALLY	BYRD	∞	07/04/1960	W
	6000008928	∞	JOHN	BYRD	∞	04/07/1960	?

Pair	ID	FFreq	First name	Last name	LFreq	DoB (M/D/Y)	Race
1	*****27** ✗	①	✓	*****	①	**/**/**06	@
	*****35**	①	✓	***** JR	①	**/**/**60	DIFF &
2	✓	①	aaaaaa	aaaaaaaa	①	✓	✓
	✓	25	aaaaaaaa	aaaaaa	∞	✓	✓
3	aaaaaaaaaaaa DIFF	...	SALLY	✓	∞	07/04/****	*
	aaaaaaaaaaaa	∞	JOHN	✓	∞	04/07/****	?



Try doing a few practice problems again as you would see them in the real study