

# 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 but gender is always shown

1	1234567891	...	BRIAN	TIPTON	∞	09/09/1960	F	W
	1234561291	25	BRIANNA	TIPTON	∞	09/09/1960	F	W



1	*****78**	...	*****	✓	∞	✓	F	✓
	*****12**	25	*****NA	✓	∞	✓	F	✓

# 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	∞	09/09/1960	F	W
	1234561291	<div>25</div>	BRIANNA	TIPTON	∞	09/09/1960	F	W



1	*****78**	...	*****	✓	∞	✓	F	✓
	*****12**	<div>25</div>	*****NA	✓	∞	✓	F	✓

# 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	F	B
	?	...	PATSY	CALLAHAN	...	?	F	B



7	*****	...	✓	✓	...	**/**/****	F	✓
	?	...	✓	✓	...	?	F	✓

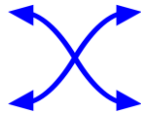
# Different items



When two items are very different, they are represented by @@@ and &&&

13	6556368585	①	WILL	GREENE	...	07/03/1950	M	B
	1092091430	①	DAVE	GREENE	...	07/03/1950	M	W
13	@@@@@@@@	①	@@@	✓	...	✓	M	@
	&&&&&&&&	①	&&&	✓	...	✓	M	&

# Swaps



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

5	0000006947	①	BRYANT		①	02/05/1962	F	W
	0000006947	2 5	MADELINE		...	05/02/1962	F	W



5	✓	①	&&&&&		①	02/05/****	F	✓
	✓	2 5	&&&&&&&		...	05/02/****	F	✓

# 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)	Sex	Race
1	8000002767 ✖	①	JUDE	WILLIAM +	①	09/09/1906 ⇌	M	W DIFF
	8000003567	①	JUDE	WILLIAM JR	①	09/09/1960	M	B
2	0000006947	①	BRYANT	MADELINE	①	05/02/1962	F	W
	0000006947	25	MADELINE	BRYANT	...	05/02/1962	F	W
3	9000018540 DIFF	...	SALLY DIFF	BYRD	...	07/04/1960 ✕	F DIFF	W
	6000008928	∞	JOHN	BYRD	...	04/07/1960	M	?

Pair	ID	FFreq	First name	Last name	LFreq	DoB (M/D/Y)	Sex	Race
1	*****27** ✖	①	✓	***** +	①	**/**/**06 ⇌	M	@ DIFF
	*****35**	①	✓	***** JR	①	**/**/**60	M	&
2	✓	①	#####	#####	①	✓	F	✓
	✓	25	#####	#####	...	✓	F	✓
3	##### DIFF	...	##### DIFF	✓	...	07/04/**** ✕	F DIFF	*
	#####	∞	####	✓	...	04/07/****	M	?





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