

# 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	$\infty$	BRIAN	TIPTON	$\infty$	9/9/1960	W
	1234561291	25	BRIANNA	TIPTON	$\infty$	9/9/1960	W
							
1	*****78**	$\infty$	*****	✓	$\infty$	✓	✓
	*****12**	25	*****NA	✓	$\infty$	✓	✓

# Stars (\*) are used for Similar Values

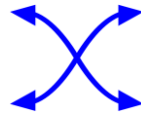
When two items are the similar, the characters that are the **same are represented by stars (\*)**. Only the characters that are different are revealed.

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

3	9000018540 <b>(DIFF)</b>	...	SALLY <b>(DIFF)</b>	BYRD	∞	04/07/1960	W <b>(DIFF)</b>
	6000008928	∞	JOHN	BYRD	∞	04/07/1960	B

3	@@@@@@@@@@ <b>(DIFF)</b>	...	SALLY <b>(DIFF)</b>	✓	∞	✓	@ <b>(DIFF)</b>
	&&&&&&&&	∞	JOHN	✓	∞	✓	&

# 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		aaaaaaaa	①	02/05/****	✓
	✓	2 5	aaaaaaaa		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