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



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.



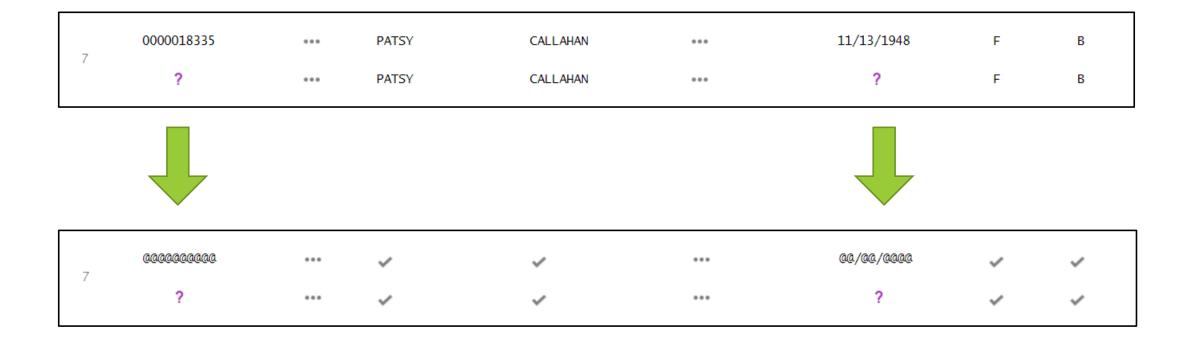
and & for different characters

When two items have one of insert/replace/transpose operations, the differentiating characters are represented by @ and &s



@@@ and &&& when a value is missing

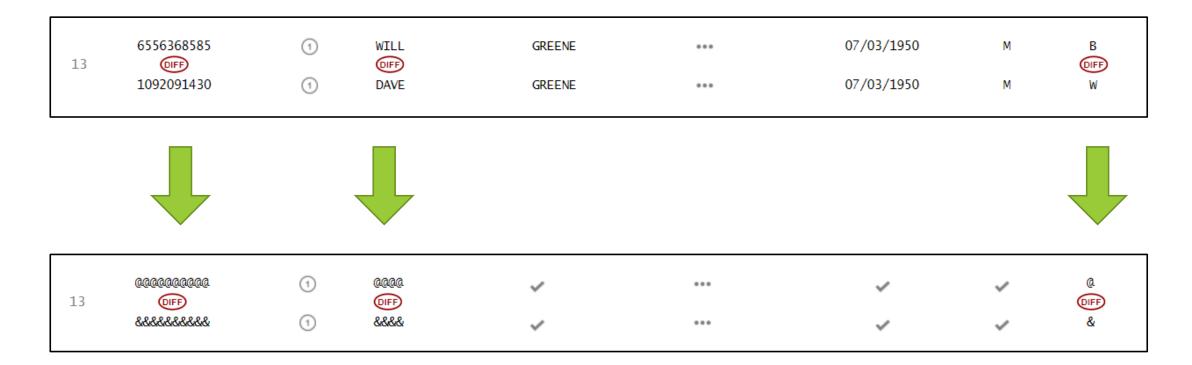
When one of the values in a pair is missing, the other one is represented by either @@@ or &&& depending on the row in which the value is present



Different items

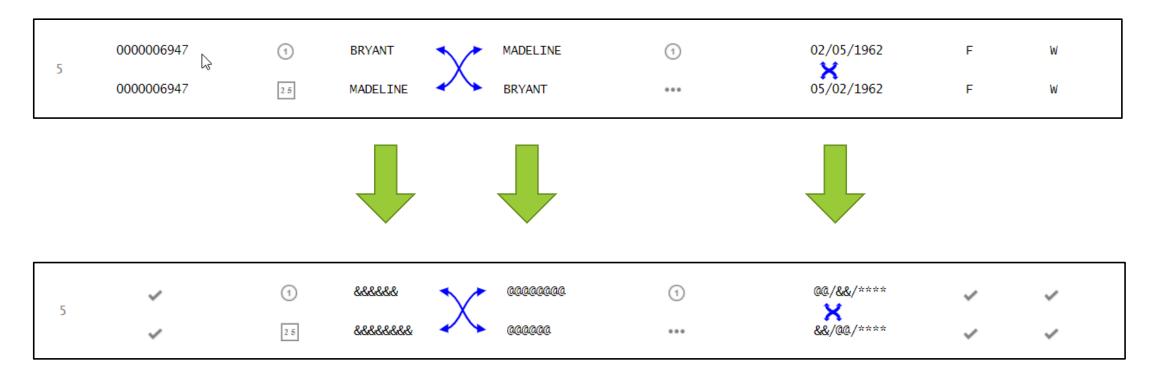


When two items are very different, they are left fully revealed. However, when ID and race are very different, they are represented by @@@ and &&&



Swaps

When there are swaps, the swapped values are represented by &&& and @@@



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	800000 <mark>27</mark> 67 × 800000 <mark>35</mark> 67	1	JUDE	WILLIAM + WILLIAM JR	1	09/09/19 06 09/09/19 60	M M	W OIFF B
2	0000006947 0000006947	25	BRYANT MADELINE	MADELINE D	1	05/02/1962 05/02/1962	F	W
3	9000018540 (DIFF) 6000008928	∞	SALLY DIFF JOHN	BYRD BYRD	***	07/04/1960 X 04/07/1960	F DIFF M	w ?

Pair	ID	FFreq	First name	Last name	LFreq	DoB(M/D/Y)	Sex	Race
1	*************	① ①		****** + ******	① ①	**/**/**@@ **/**/**	*	@ OIFF &
2	~	25	8888888	@@@@@@	① •••	~ ~	~	~
3	@@@@@@@@@ OFF &&&&&&&&&&&&	∞	QQQQQ OFF &&&&		***	@@/&&/**** X &&/@@/***	@ OIFF &	@ ?



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