

# **Case Study**

### West Virginia University

Tracking Records Across Databases











### **Company Profile**

West Virginia University is the state's only research, doctoral degree-granting, land-grant university. The school offers nearly 200 degree programs at the undergraduate, graduate, doctoral, and professional levels.





## **Business Situation**

West Virginia University was tasked with assessing the long-term impacts of certain medical conditions on patients over an extended period of time. The determination to be made was whether previous medical conditions affected long-term health and patient care.

The data for the medical conditions and the current health records provided by the state exist in separate systems. The challenge to overcome was how to link the database records that identified the medical conditions in question to the current health records provided by the state. The idea of linking these two groups of records was overwhelming for the research department. With hundreds of thousands of records to manage, the process would be very time-consuming and threaten the timeliness and process of the research activities.



### **Our Solution**

	To of the Day	Repto	ation Prec or nall the														
•	e Doy		nak tir	sugh the ribbon													
	ab a		cleaning optio	ns you would like a	collect Ver	con chan 10	e utrele cooi	ALC ALC ALC ALC	and or individu	al tables	and fields. T	in match	between tal	las click the	tabe at the	top of the	
								ere (our cas									
		mact Nam	e Contect	Name_p Phone		Sethdate	Enal		National 3D	Create	on Marth	Creator	n Day 0	nation Tear	Modify		Deno Reference
		D Jaggi a Ton E G	VicD Ja ax Mra Tan	00 915 591 C Cos 397 427		5/31/1959	13500 9	eurphys	888413278 429445642	12		22		909	11/2/19		1. National ID Ma
		a Tom E Gi ek A Wern				7/0/1974 5/12/1986			409445642 873005582	20		19		196 195	6(21/19		1. National 3D Ma 2. Noved up Addr
	Mo	tied A Brit	ooks Michael	A Brooks TEL 788	768 5111	1/19/1963	nbrooks	Sbrooks	859959038	3		5	1	998	6(2/200	15	2. Mixed up Addr
		a Tom B De		G Deste 127 990		90/13/1961			4600 1668 2	3		2		106	3/2:4/20		1. Fuzzy Campan
		thelly E Ba				9,0013968			908789758 435282478	1		3		107	1/20/20		3. Putry Compen 4. Name Match C
g .	-	8 Fettar	DED Fe	tter 985 76 s		4/15/1980	bfatter	bopoinc	7565999918	6		29		100	9/54/20	02	4. Name Match C
		bert 5 Seri 51 D Rodel				8/22/1961 3/3/1960			357812318 595136522	4		4 16		995 399	1/3/201		5. Word Smith Co 5. Word Smith Co
			- adio			and they	protos:		2771 P.P.L	16		20			19400		
				-	Þ										_		
			Remove Non-printable	Replacement For Non-printable	-	Leading Re	move Trailing	Character	-	cters To						Desire T	
Fr	oper Cas	92 92	Non-printable Characters	Non-printable Characters	Specer	Colong He Sp	ecen	Remove	Repiec	10	Renove S	paces	Remove Lette	is Remove	Numbers	Replace Zero With O Letter	Replace O Lett With Zerce
		1									D	1					
						I.										0	
	7		1		2		1										
						1											
											_			-			

Using DataMatch<sup>™</sup>, Data Ladder's flagship data cleansing product, the university was able to clean records from several systems containing the required information. From there they were able to create a unified view of the patient over time.



DataMatch™ cleans records for multiple sources.



Combine and match records across multiple lists. Create unique IDS quicker.



Save a great deal of time.

### Benefits

With the best in class data cleansing and fuzzy matching capabilities, combined with customized training by Data Ladder specialists, the university was finally able to link the database records in question. They saved a great deal of time and were able to combine and match records across multiple lists in a quicker fashion The university was also able to view data changes in real time in order to get feedback and assess how selections affect the data set. DataMatch<sup>™</sup> has now become a go-to resource for data cleansing and fuzzy matching needs.



The idea of linking two groups of records was overwhelming for the research department. The process would be very time-consuming and threaten the timeliness and process of the research activities.

#### Why Data Ladder

It's simple: our user-friendly and powerful software helps business users across many industries manage their data more effectively and drive their bottom line. Our powerful software suite, DataMatch Enterprise, was proven to find approximately 5-12% more matches than leading software companies IBM and SAS in 15 different studies.

Let **Data Ladder** be your partner in your next marketing campaign. Increase your sales by offering data cleansing services through **DataMatch™**.

Free Download