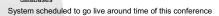


8th International Conference on Information Quality, 2003 | 🎃 | **Objectives of this presentation** Describe a major project to provide enterprise-wide person identification on a database of over 2 million persons Describe the challenges of accurately matching individuals in this database, which involves matching very problematic incoming data to a high degree of accuracy Describe how ChoiceMaker 2.3 was deployed to provide accurate person identification · Discuss the project's benefits for the customer

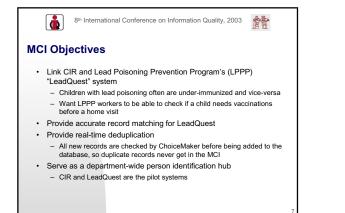


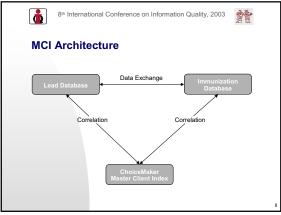




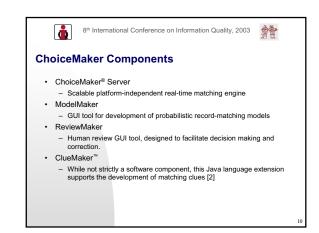


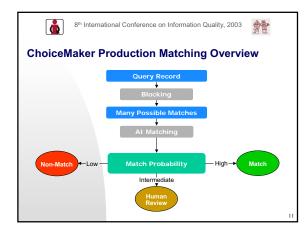


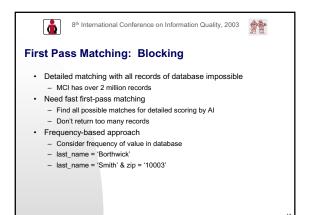




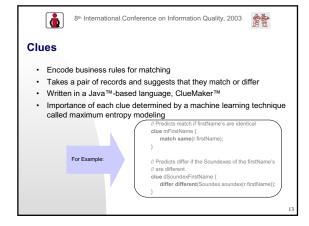


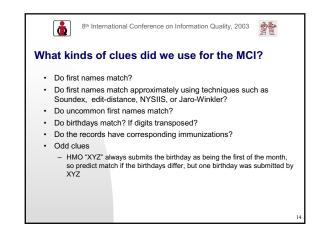


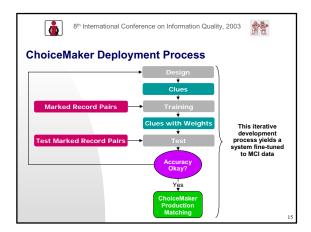




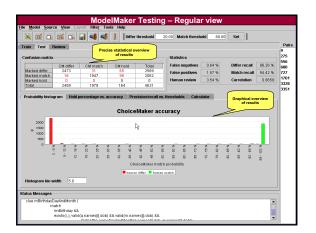
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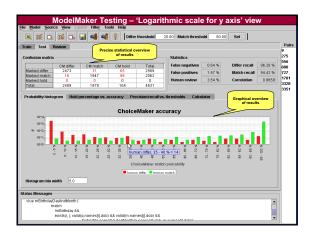


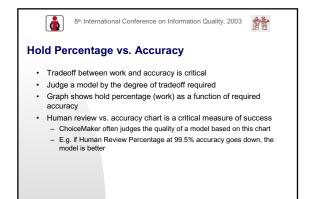


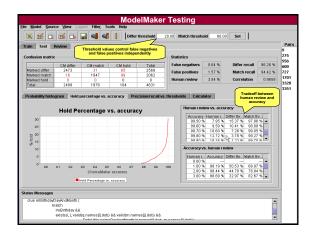


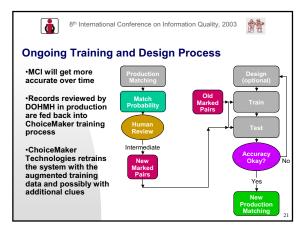
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95	mV/rongSex	r.	match	clue		6.39	72	46	26	0.99
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97	mNameFacilityId	<pre> </pre>	match	clue		2.46	317	116	201	2.50
98	mBirthdayFirstOfMonthAndName	r	match	clue		6.73	102	102	0	2.20
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100	dBirthdayDayMonthMatchAndHIP		differ	clue		1.00	0	0	0	0.00
101	mPrimaryFieldsSameRow	r	match	clue		2.37	994	993	1	21.44
102	mPrimaryFields	r	match	clue		2.37	1002	1001	1	21.62
	mPrimaryFieldsAndRareLastNa	r	match	clue		2.03	262	262	0	5.66
104	mPrimaryFieldsAndRareFirstNa	V	match	clue		1.88	696	695	1	15.01
105	dEthnicity	R	differ	clue		1.98	77	55	22	1.19
106	dRace	R	differ	clue		0.49	44	31	13	0.67
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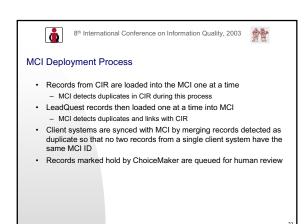


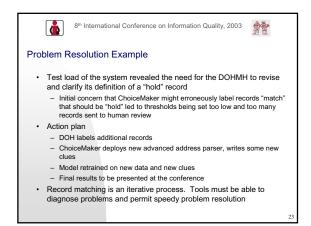














	8 th International Conference on Information Quality, 2003
Futu	re MCI Work
• 0	Other DOHMH systems planning to join the MCI
	 Communicable Disease Surveillance System (CDSS)
	- HIV/AIDS
• 0	Create a ChoiceMaker record matching model that matches adults
	 The LeadQuest/CIR model is focused on children
	 This project is underway for the CDSS
• B	Build new record matching models to match
	 Health care facilities (e.g., hospitals)
	 Health care providers (e.g., doctors)
	 These projects are also underway
	urther enhance ChoiceMaker's accuracy by using training data from uman review of production data

