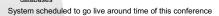


8th International Conference on Information Quality, 2003 | 🎃 | **Objectives of this presentation** Describe a major project to provide enterprise-wide person identification on a database of over 2 million persons Describe the challenges of accurately matching individuals in this database, which involves 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

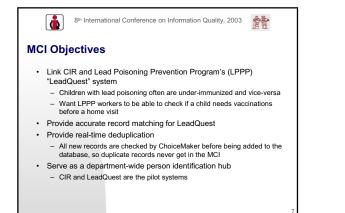


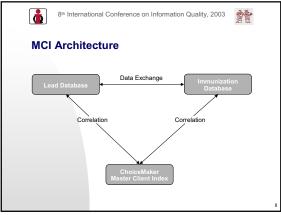




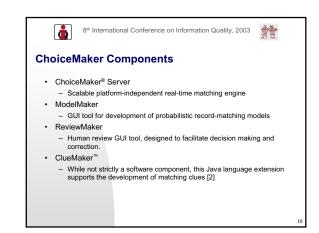


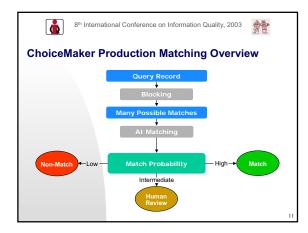


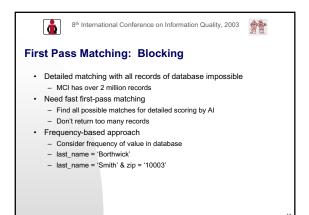




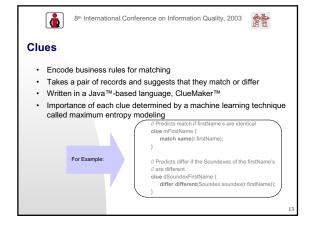


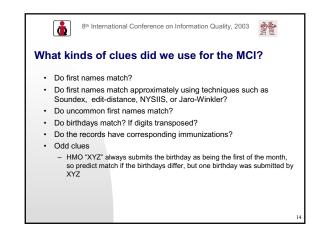


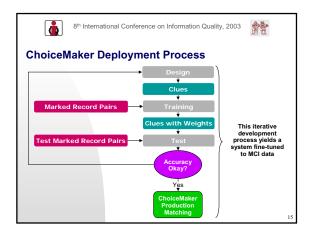




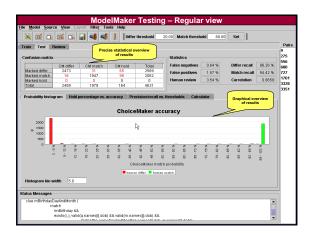
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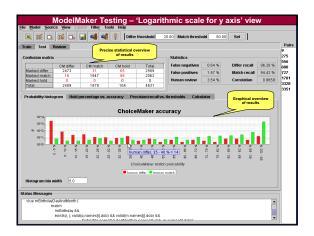


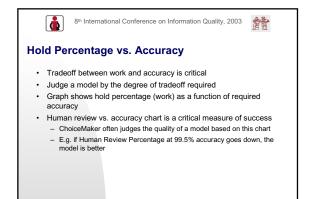


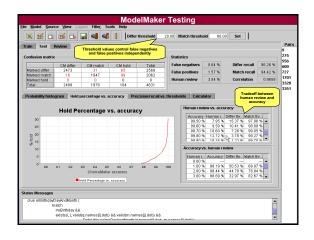


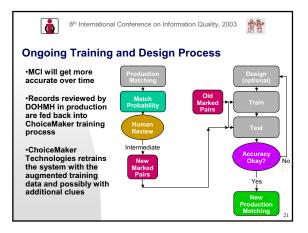
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101	mPrimaryFieldsSameRow	r	match	clue		2.37	994	993	1	21.44
102	mPrimaryFields	r	match	clue		2.37	1002	1001	1	21.62
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105	dEthnicity	R	differ	clue		1.98	77	55	22	1.19
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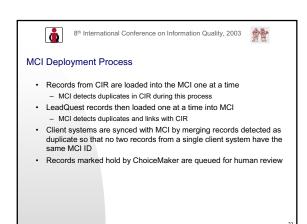


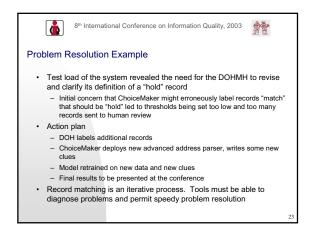














	8 <sup>th</sup> International Conference on Information Quality, 2003
Futu	re MCI Work
• 0	Other DOHMH systems planning to join the MCI
	<ul> <li>Communicable Disease Surveillance System (CDSS)</li> </ul>
	- HIV/AIDS
• 0	Create a ChoiceMaker record matching model that matches adults
	<ul> <li>The LeadQuest/CIR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

