IMT IDENTITY SOLUTION EXPERTS

IMT.CA

THRESHOLD ANALYSIS AND ALGORITHM OPTIMIZATION

Probabilistic matching technologies are not meant to be static. Over time, changes in data quality and completeness can impact match accuracy.

HAS YOUR MDM IMPLEMENTATION RECENTLY EXPERIENCED ANY OF THESE CHANGES?

- New data sources or significant increases in overall data volume
- Adjustments in the minimum data set since go-live
- Increased task volumes and data steward workload
- Expansion into new geographies
- Platform upgrades

5%

variation in data composition can render initial weight tables obsolete and influence match accuracy.

Did you know that match/link thresholds can become ineffective due to data changes that no longer meet auto-link thresholds originally established? Changes in data quality and completeness, new restrictions on how personal identifiers are used and shifts in demographic population distribution can all contribute to an increase in manual review tasks.

IMT MDM Threshold and Algorithm Optimization helps increase match accuracy and reduce manual task resolution volume through actionable insights into several facets of your data. This interactive and iterative process examines the quality and composition of record matches within MDM, to establish more precise task management and linkages for the data in your environment. By improving MDM's ability to automatically match/link records, future task volume and manual resolution efforts are significantly reduced.

HOW IT WORKS

Advanced, proprietary statistical techniques are applied against automated and clerical review thresholds.

Business and technical users evaluate pair-wise comparisons generated from pattern analysis of new and existing weights and algorithms.

New thresholds leverage past stewardship decisions to reduce current and future task volumes.

Assess the impact of new data sources to mitigate false positives before data is loaded.

IMT THRESHOLD ANALYSIS AND ALGORITHM OPTIMIZATION ENABLES YOUR MDM PROGRAM TO BE

OPTIMIZED

Recommends adjustments to false positive filters, weights, and thresholds

RELIABLE

Decreases the chance of human errors and increases quality of decisions

INTELLIGENT

Leverages historical data resolution outcomes from stewards for future decisions

TRANSPARENT

Know why and how a task was generated for future auditing or research

MODERNIZED

Takes advantage of new standardization and comparison functions for enhanced match accuracy

AUTOMATED

Recommends auto-resolution of tasks based on analysis of existing outcomes

For more information about IMT Threshold Analysis and Algorithm Optimization, please contact sales@imt.ca.

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