Analytics and Technology-Assisted Review Model Applications

Our data scientists have been developing supervised text classification systems for over 15 years. The classification technologies came to market as a technology assisted review (TAR) service for eDiscovery in 2009. Since then, we have expanded our capabilities by providing services around big data platforms optimized for legal and compliance matters which utilize advanced and custom algorithms to meet the needs of our clients.

Early Case Assessment Workflow

Our analysis tool helps clients gain early, rapid insight into data to determine potential risk at the onset or anticipation of litigation, form defensible data reduction strategies and control the cost of downstream review. The tool combines visualization with technology assisted analytical models to make it easier to find patterns, uncover trends, filter and remove non-relevant documents.

Benefits include:

- understand potential litigation risk and exposure;
- make informed decisions about filtering strategies;
- determine case scope, timelines, and estimate review cost;
- develop or confirm case strategy in the earliest stages of the process; and
- determine the set of documents warranting full review.

Technology-assisted Review/ Continuous Active Learning Review Workflow

Our TAR/CAL review application provides a guided approach to achieve optimized results for all matter types. The application is a self-service predictive coding, review prioritization, and automated QC tool with full configurability and control. With assisted review, you get total transparency and real time progress tracking.

The tool provides innovative features such as:

- full elective metadata modeling integration that leverages key metadata fields in addition to the document text for modeling;

- non-binary score assignment, which lets you make fine-grained distinctions between different levels of relevance;

- multiple attribute modeling which lets you create a model based on more than one dimension of relevance; and

- integration of continuous active learning which allows the predictive coding model to utilize every coded document to feed back into the performance of the model (e.g., documents marked with high relevance will be prioritized for review first which eliminates the need to review as many irrelevant documents to produce an accurate model).

The predictive coding workflow lets you break down your document population into a set that is highly likely to be responsive, a set that is highly likely to be non-responsive, and a set that probably needs manual review. This method can help fast track a responsive review, and make an early production of documents that have a high likelihood of being responsive. It can also be used to cut down on your review, by removing documents that are almost certainly non-responsive.

Privilege and Quality Control Review Workflow

The Privilege and QC workflow lets you take a more strategic approach to the identification of Privilege and other high risk document for QC. Instead of taking a fixed percentage to QC, you can use an assisted review model to identify specific documents that have a high likelihood of having an actual discrepancy. The model pulls out the documents that were highly likely to be coded incorrectly and routes the documents directly to a QC workflow.

Prioritization for Enhanced Review Workflow

The prioritization workflow takes your full document population and orders every document from highly responsive to non-responsive. Every document gets a score and at the end of this workflow every single document is lined up according to how likely it is to be responsive. From that point, a review team can begin to review documents in a more efficient manner where a higher concentration of relevant documents exist at the outset. This method allows for expedited review turnaround times, and helps refine your relevance criteria before you get too far into review. As review progresses, you might even get to a point of diminishing returns and decide it makes sense to halt the review and sample the remaining documents for defensibility.

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