

LMAI

The technology, LMAI, is a software tool that can be used to help large-scale text search engines produce dramatically better results on searches. The tool is not a search engine itself, but an algorithm to supplement existing search engines. The tool is a form of technology called Latent Semantic Indexing (LSI), which is a new, but heavily researched software technology. The inventor has developed case studies that show how it can dramatically improve search results of Google and of a software product from IBM.

The problem with existing search engines is that if you are searching on less commonly used words, they do not work well, especially if these words have multiple synonyms. If you are searching for information on specific topics, an end user can spend hours trying to find the "magic words" that will return the list of relevant web pages. And, for web page developers, it creates a conundrum around how to best design the content on their web pages to ensure they match a search result. This technology, by providing contextually related words, will significantly improve the search result accuracy of search engines on these less common words.

The technology has been fully developed and tested in conjunction with web search engines like Google, and enterprise solutions like IBM's OmniFind engine.

Salient features

- Self-learning aspect without any prior training or backed guidance. LMAI does not need any backed ontology's. This enables one to get faster, better and cheaper results in the real world.
- Contextual richness that the algorithm solves is the self-learning process of a machine to learn on its own
- LMAI does advance text analytics

Areas of application

- Internet search engines
- Enterprise content management software

End users

- Search engine companies
- Companies in online business
- Content identification companies

- Companies in data-mining and text analytics
- Primarily companies focused on building Artificial Intelligence based applications