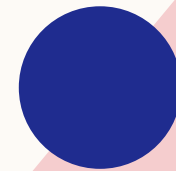


EZ
4 YOU TECH

KWIK-AI-SEARCH

INTELLIGENT ENTERPRISE SEARCH POWERED BY AI

Access the right documents in seconds



PROBLEM

- The number of documents that are produced during the course of business operations are humongous. From invoices and work orders to manuals and knowledge assets, there are many documents captured and shared every hour within and outside the organization.
- The average executive wastes six weeks per year searching for important documents. This data chaos is costly. According to PricewaterhouseCoopers, it costs a company \$20 to file a document, \$120 to find a misplaced document, and \$220 to reproduce a lost document.

SOLUTION

- Kwik-AI-Search employs AI technologies such as machine learning, computer vision, semantic search, and natural language processing. It breaks down data silos in businesses, allowing information to be extracted from potentially any data source.
- Kwik-AI-Search delivers smarter results faster and provides a single point of access to enterprise content sources, allowing data to be enhanced, searched, and analyzed in both structured and unstructured formats.

FEATURES

FULL TEXT SEARCH

- find your files quickly with the power of AI. Type the keyword and Kwik-AI-Search will identify keywords in your data. With a single click, it will find and even highlight the matching text for you in the fraction of a second.

FACETED NAVIGATION

- Faceted navigation for self-directed drilldown filtering on results, for example, to filter catalog items by price-range or brand

EXTRACT DATA FROM SCANS/IMAGES

- Extracts printed text and other data from scanned documents even from hand-written contents.

AUTOCOMPLETE

- "Search-as-you-Type" can be enabled to provide search suggestions. Type-ahead queries in a search bar to suggest users some options

FEATURES

SYNONYMS

- Associates equivalent terms that implicitly expand the scope of a query/search, without the user having to provide the alternate terms.

RELEVANCE

- The search results can be a model of scoring profiles as a function of values in the document. What this means is to give personalized scoring based on customer search preferences they have searched and tracked.

HIT HIGHLIGHTING

- applies text formatting to a matching keyword in search results.

CUSTOM ENTITY

- Looks for a user-defined set of words and phrases and supports fuzzy matching.

FEATURES

LANGUAGE DETECTION

- It can detect language from each documents.

ENTITY RECOGNITION

- Identify people, location, organization, emails, datetime, URLs fields.

MERGE

- Combines text from multiple fields to a single field. A common use case is to extract a caption from the scanned/image doc and then merge it with the content field of a document.

PII DETECTION

- Extract personally identifiable information from a given text.

FEATURES

TRANSLATE

- Translate a text into a variety of languages for normalizing or localizing use case. It is useful when all the documents are not in a same language.

LINGUISTIC DOCUMENTS

- Can be configured to filter out the diacritics – a sign which when written above or below a letter indicates a difference in pronunciation, for example, élevàtor ôperàtor, etc.

LANGUAGE SUPPORT

- Supports 35 language analyzers backed by Lucene, and 50 language analyzers backed by natural language processing.



Solving Real Business Challenges with

KWIK-AI-SEARCH

CHALLENGE #1: UNTAPPED POTENTIAL OF UNSTRUCTURED DATA

- Enterprises today have to deal with an unsurmountable volume of unstructured data that is ever on the rise. Data gets accumulated from varied sources, including emails and social media, and is present in varied formats. This potpourri of information can be really useful for an organization in so many ways but the biggest challenge lies in analyzing it to recover the insights hidden within. In the absence of efficient search tools, the huge potential of this data is lost, as the conventional search approach is of little effect against unstructured data.

THE SOLUTION:

The Kwik-AI-Search platform holds the key to tapping the potential of unstructured data with semantic search technology. Semantic search classifies the unstructured data into entities with relations between them, and also extracts facts, events and attributes, through a series of steps and is what you need to give structure to unstructured data and "read" it for actionable insights.

CHALLENGE #2: INACCURATE AND/OR IRRELEVANT SEARCH RESULTS

- Conventional search can only go as far as matching the keyword/query entered by the user and fetching the results on the basis of a keyword match. However, this is not always enough as there is a possibility of missing out on results that are relevant yet are not optimized with the particular keyword. On the other hand, it may also end up showing multiple results that might contain the keyword in a different context altogether, thus reducing the relevancy of search.

THE SOLUTION:

This challenge can also be overcome with the semantic search and natural language processing technologies, which analyze the semantic meaning of the query as well as the intent of the user, before showing the results. The results can be dramatically different from that of a simple keyword search and this can be illustrated with a simple example. When you type the query 'apple' in the Google search box, what do you see? You see results related to Apple Inc. because Google, using its semantics based algorithms, determines that it is highly likely that the user is looking for information about the company as opposed to the fruit by the same name. So, you get relevant results with little noise or spam entries.

CHALLENGE #3: SCATTERED DATA THAT IS CONSTANTLY GROWING

- The data an organization has today not just consists of varied formats, but also is unorganized and scattered as it comes from varied sources. Managing the enormous volumes of data and integrating them effectively for easy analysis is one of the major challenges that enterprises are facing today. Add to it the fact that this data is constantly growing, and it can become a task of Herculean proportions!

THE SOLUTION:

Kwik-AI-Search is designed for effective data integration so that organizations have no longer to worry about managing diverse forms of data. Be it data in the form of emails, graphs, news feeds, social media or images, Kwik-AI-Search is equipped to handle it all. These tools are equipped with plug-ins that perform the function of collecting the data from different sources and merging them into your vocabulary. The effective data integration resulting from this can make it easy for organizations to manage data and tap into for useful insights.

CHALLENGE #4: LITTLE INFORMATION ABOUT USER SEARCH BEHAVIOR

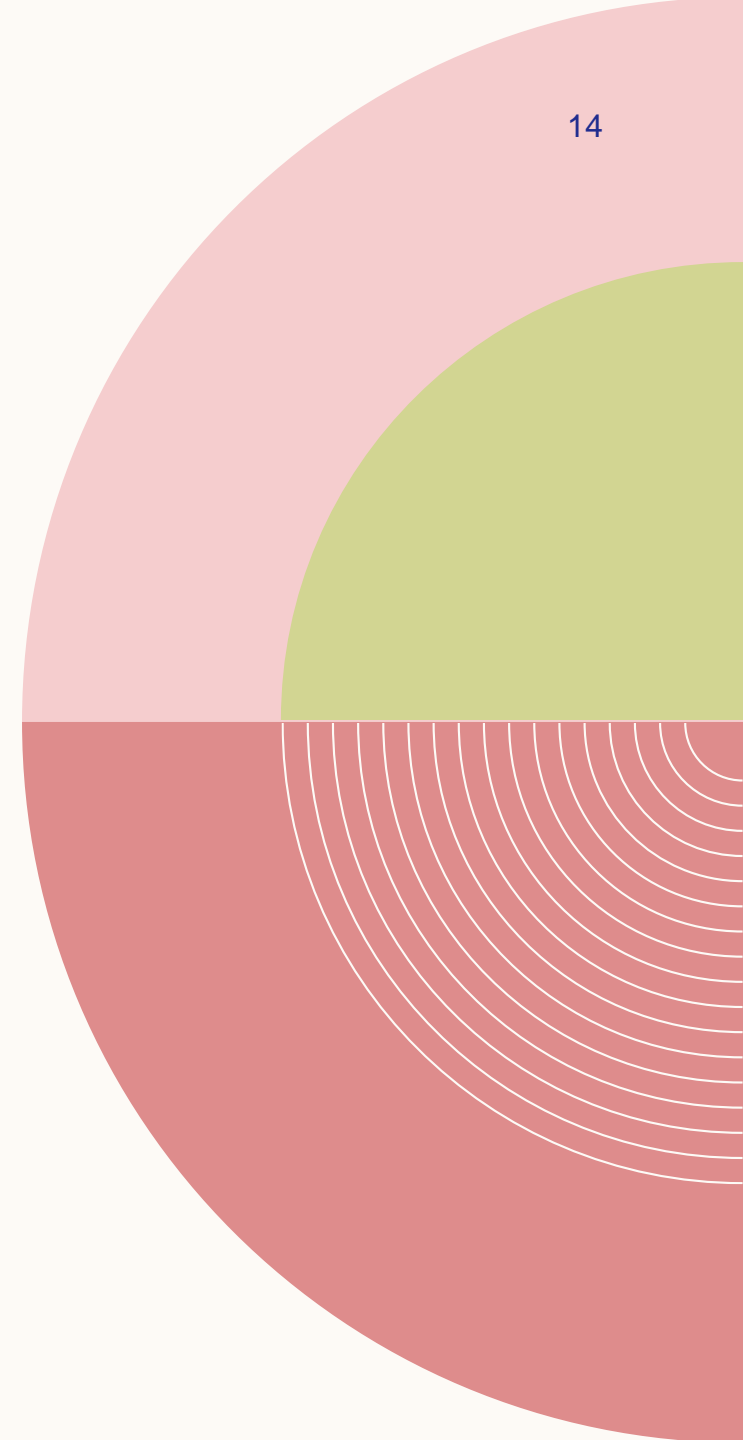
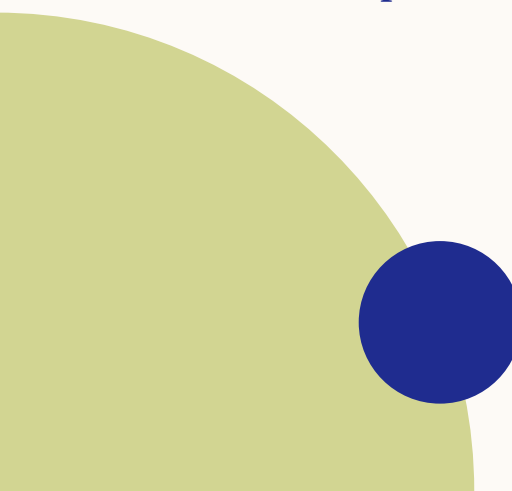
- The search log of an enterprise search tool holds the key to search patterns of users as well as many other useful information about user's search behavior. However, skimming through the seemingly endless logs to look for information that is of importance, is an exercise that requires a lot of effort and time and is near impossible to accomplish manually. As a result, organizations fail to tap into the potential of this data and derive insights from it.

THE SOLUTION:

The search analytics feature we have in the Kwik-AI-Search provides real time powerful analytics that can help businesses unlock the potential hidden within the search logs. The data derived from analytics can be used in informed and intelligent decision making for the business. Also, data derived from search analytics can be used by enterprises to closely study what users want and then use it to create a personalized search experience for the user.

THE FINAL WORD

There are many ways in which the Kwik-AI-Search can help organizations overcome their challenges and meet their business goals. In addition to providing effective solutions to challenges we discussed above, the Kwik-AI-Search works in many ways to create an enhanced search experience for the users.





THANK YOU

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