



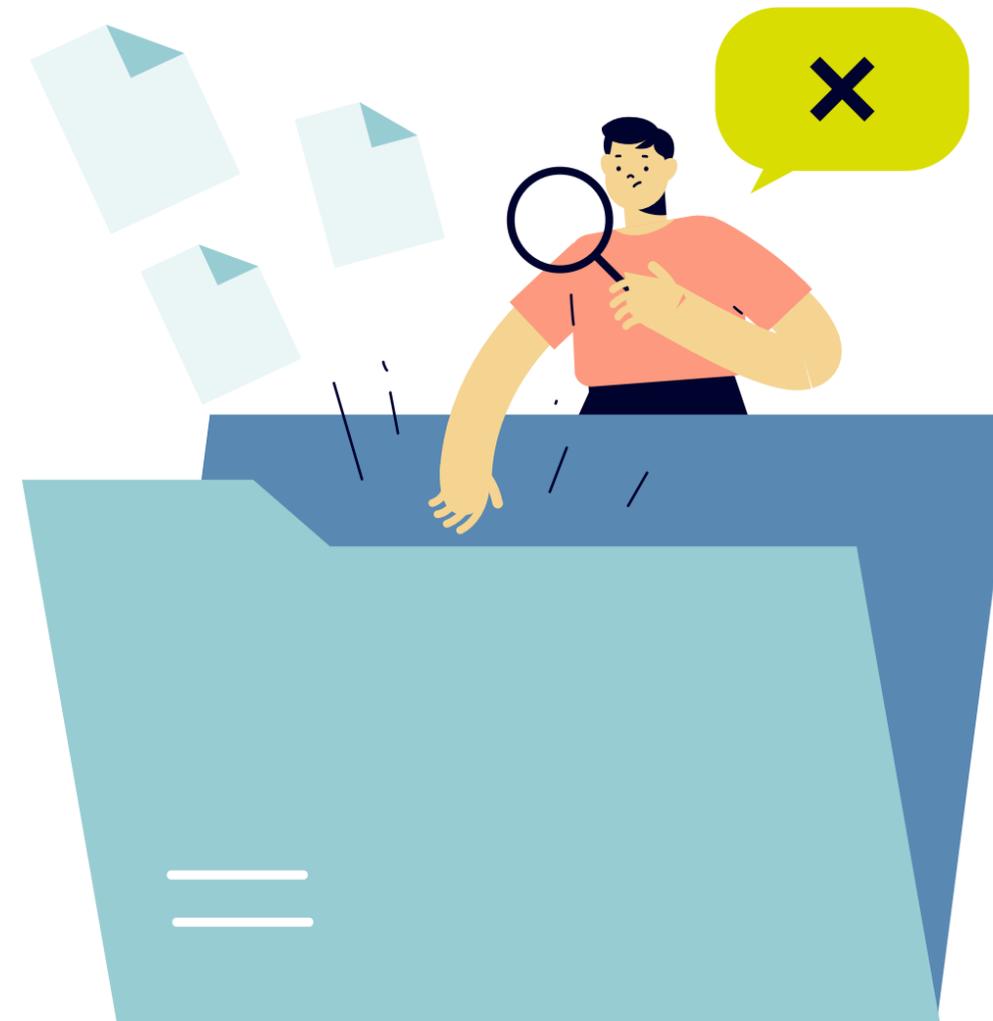
Artificial Intelligence Knowledge Mining



Document management challenges **today**

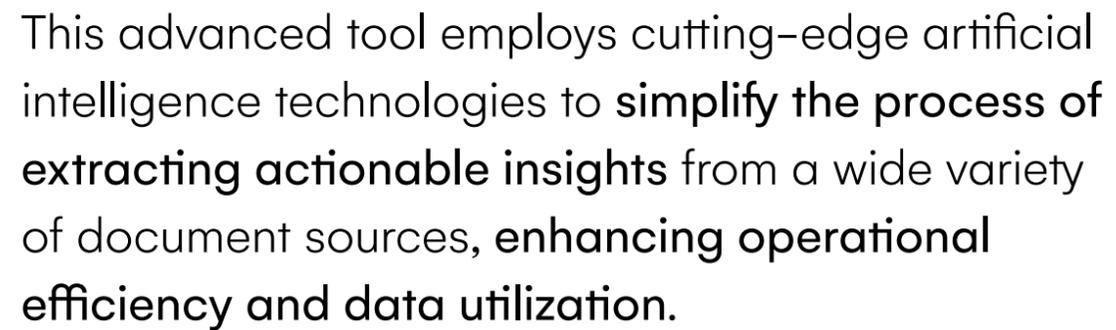
Managing an extensive array of documents leads to **inefficiencies** that **hamper productivity**.

Traditional approaches tend to be labor-intensive and inefficient, obstructing organizations' ability to harness the **critical insights** their data holds.



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To address these challenges, Bravent presents its innovative **AI Knowledge Mining solution**.

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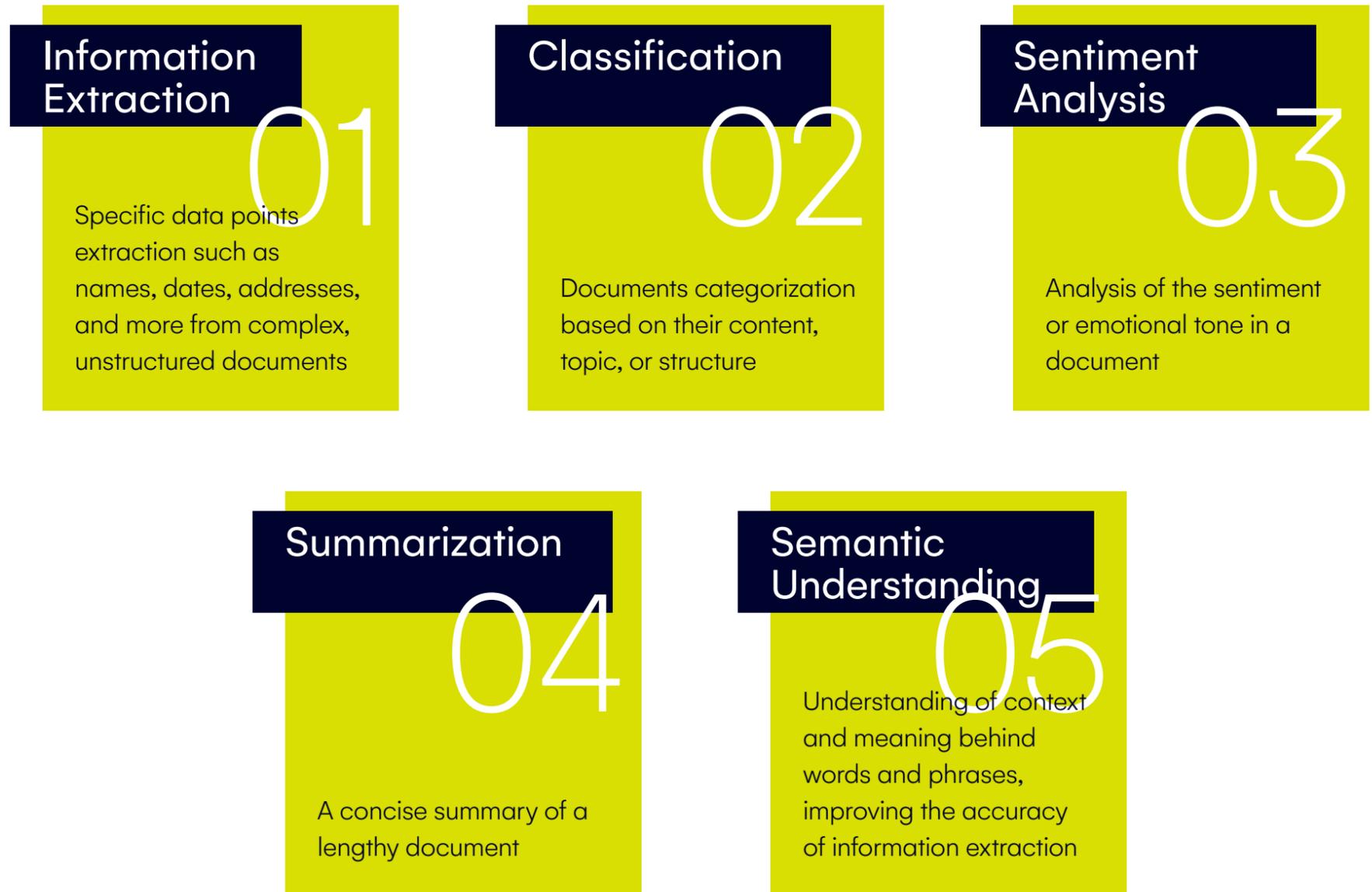
This advanced tool employs cutting-edge artificial intelligence technologies to **simplify the process of extracting actionable insights** from a wide variety of document sources, **enhancing operational efficiency and data utilization**.

What is AI Knowledge Mining?

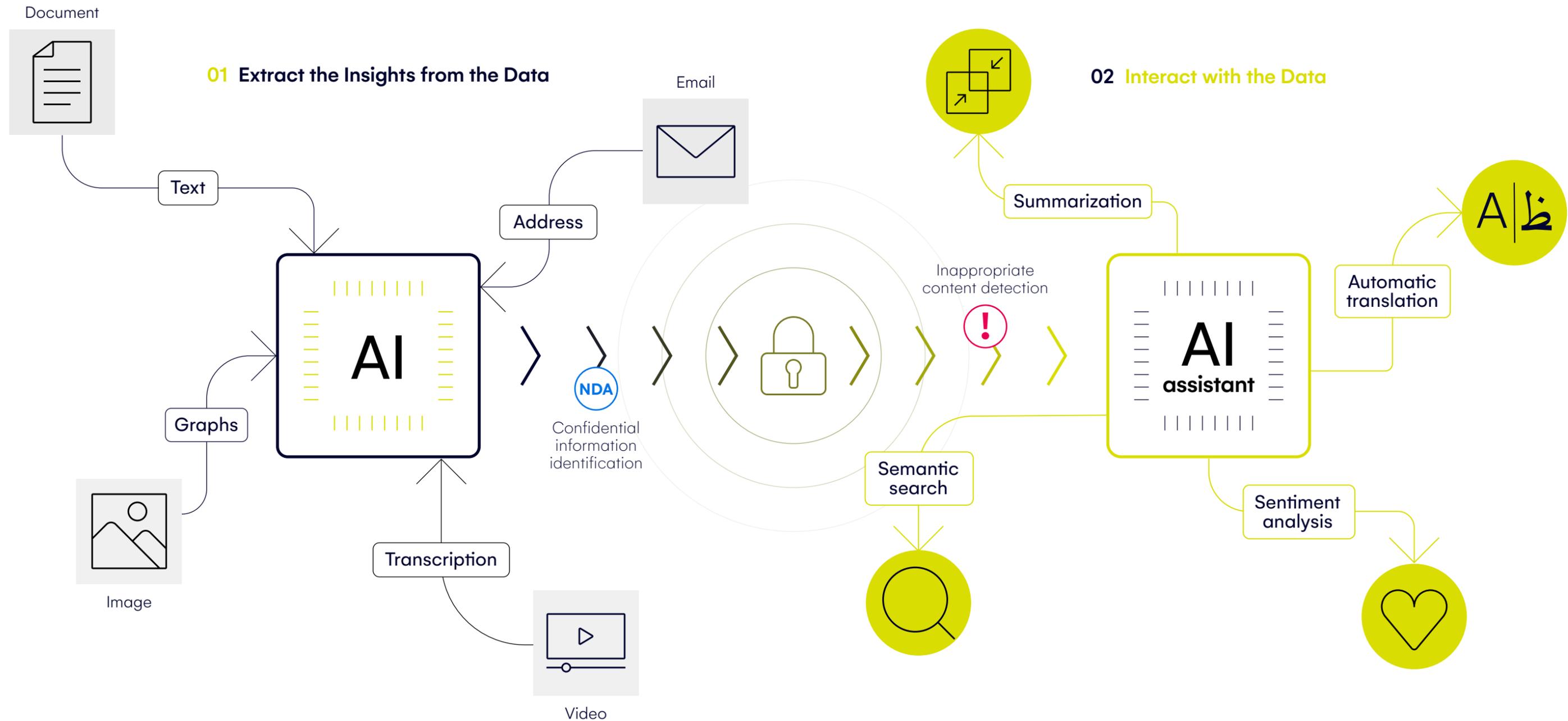
AI Knowledge Mining, also known as Intelligent Document Processing, is a process that uses Artificial Intelligence technologies such as Machine Learning, Natural Language Processing (NLP), and Optical Character Recognition (OCR) to **extract meaningful information from unstructured documents**.

These documents can range from emails, PDFs, images and videos. AI Knowledge Mining can analyze, understand, and categorize this information, making it easier to manage and extract insights from a large volume of documents.

Key functions of AI Knowledge Mining



Steps of AI Knowledge Mining solution



Use cases

Enhancing Employee Experience

Onboarding and Training

Automate the extraction and organization of training materials, policies, and procedures to streamline the onboarding process for new employees. Personalized content recommendations based on role and department can significantly enhance learning efficiency.

Internal Knowledge Sharing

Enable employees to easily find and access internal knowledge bases, FAQs, and previously resolved issues, reducing the time spent searching for information and boosting productivity.

Improving Customer Service

Instant Information Retrieval

Use AI to provide customer service representatives with instant access to relevant documents, such as product manuals, service terms, or previous customer interactions, ensuring they can answer queries quickly and accurately.

Automated Response Suggestions

Integrate document mining with customer service platforms to suggest responses to customer inquiries based on similar past interactions, thereby improving response time and consistency.

Service Management Enhancement

Contract and Agreement Management

Automatically classify and extract key terms and conditions from service agreements and contracts, making it easier to manage renewals, compliance, and negotiations.

Incident Response and Resolution

Quickly access relevant troubleshooting guides, past incident reports, and solution databases to resolve service issues more rapidly and effectively.

Strategic Decision Making

Market Research and Analysis

Gather and synthesize information from a variety of documents, such as market research reports, competitor analysis, and industry news, to support strategic decision-making.

Risk Assessment and Management

Analyze documents related to regulatory changes, compliance requirements, and industry standards to proactively manage risks and adapt business strategies accordingly.

Advanced AI Knowledge Mining Capabilities: Customization and Comprehensive Connectivity

Automated Web Content Extraction

Ability to perform automatic web scraping to extract relevant information from URLs detected in documents.

Advanced Image Analysis

Incorporation of AI Vision that allow analysis of both standalone images and those embedded in PDF documents.

Integration with Multimedia Content

Extends functionality to include the integration and analysis of video content, enhancing data comprehension and reach.

Ad-hoc Features and integration with custom ML models

Flexibility to add new features and functionalities tailored to user needs or project requirements.

Diversity in Data Sources

Supports multiple data sources, including URLs, images, SQL databases, Excel files, and more, facilitating robust and versatile integration.

Customization and Performance Optimization

Full flexibility to adjust parameters and prompts, ensuring continuous optimization and high system performance.

Benefits

Increased Productivity

Enables organizations to process and analyze documents at a speed and efficiency that traditional methods cannot match. This frees up valuable time for employees to focus on more strategic tasks.



Improved Accuracy in Data Extraction

Thanks to advanced technologies such as Natural Language Processing and Optical Character Recognition, our solution minimizes the effort in extracting data from complex and diverse documents.



Instant Access to Key Information

The AI assistant allows users to quickly access necessary information through natural language commands, simplifying the search and retrieval of critical data.



Enhanced Compliance and Security

The ability to identify confidential information and detect inappropriate content helps ensure that all documents are handled in accordance with current regulations, protecting sensitive information and reducing the risk of compliance breaches.



Following steps

Discovery
onboarding
session

01

Deployment
of the
solution

02

Testing

03

Evaluation

04

Enhance your day-to-day efficiency now

Book a demo

Artificial Intelligence
Knowledge Mining