Let’s also understand **Industry Use Cases for Data Structurization and Extraction:-**

The ability to extract structured data from unstructured documents has a wide range of applications across various industries. Here are some common use cases:

**Finance and Accounting**

* **Invoice Processing:** Automating the extraction of key information from invoices (e.g., invoice number, date, vendor, amount) for efficient accounts payable processes.
* **Expense Management:** Analyzing receipts and bills to categorize expenses and identify potential fraud or errors.
* **Financial Reporting:** Extracting financial data from unstructured documents (e.g., annual reports, financial statements) for analysis and reporting.

**Healthcare**

* **Medical Record Digitization:** Converting unstructured medical records (e.g., doctor's notes, prescriptions) into structured data for electronic health records (EHRs).
* **Clinical Research:** Extracting relevant information from medical literature and patient records for research studies.
* **Insurance Claims Processing:** Automating the extraction of information from insurance claims to expedite the claims process.

**Customer Service**

* **Customer Support Ticket Analysis:** Extracting key information from customer support tickets (e.g., customer name, issue, resolution) to improve response times and customer satisfaction.
* **Sentiment Analysis:** Analyzing customer feedback from reviews and social media to identify trends and areas for improvement.

**Legal**

* **Contract Analysis:** Extracting key terms and clauses from legal documents (e.g., contracts, agreements) for review and analysis.
* **Discovery:** Identifying relevant information from large volumes of unstructured documents for legal proceedings.

**Human Resources**

* **Resume Parsing:** Extracting candidate information from resumes (e.g., skills, experience, education) for recruitment processes.
* **Employee Surveys:** Analyzing employee feedback from surveys to identify areas for improvement in HR policies and practices.