Transforming Invoice Management with Affine's AI Invoice Assistant

Powered by Azure OpenAI

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Microsoft Solutions Partner

Data & AI
Azure

Business Challenges
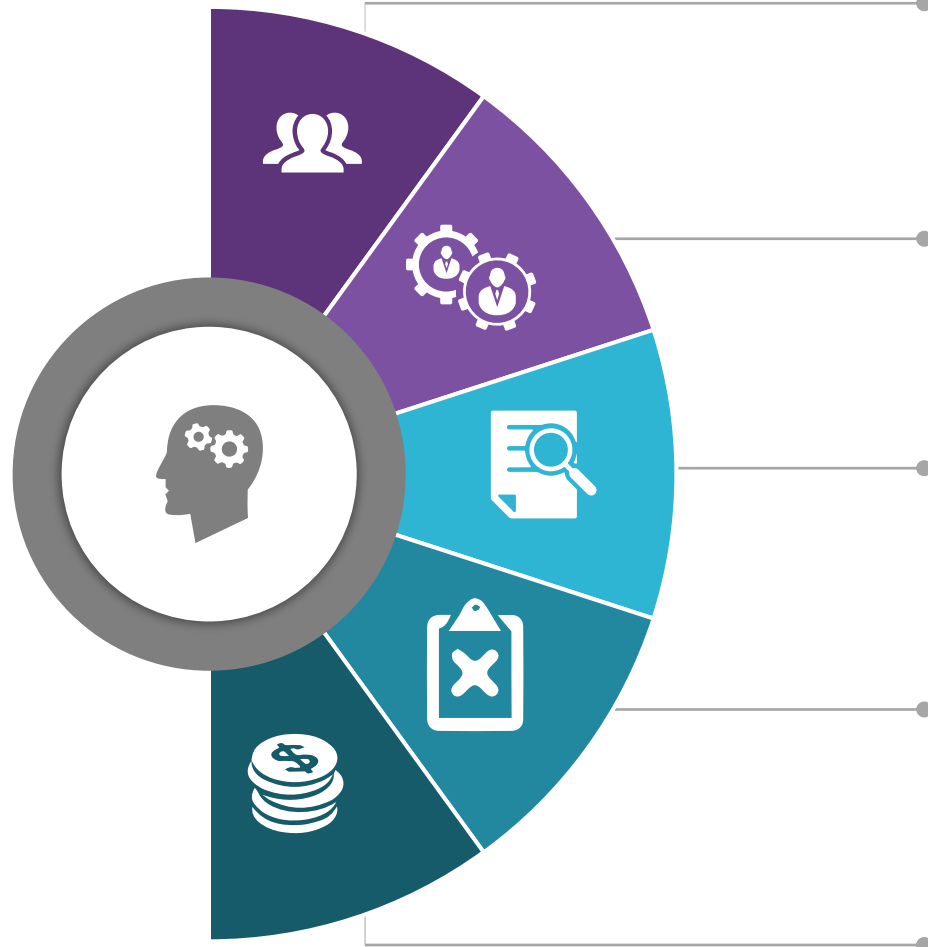
Manual Effort

The tedious task of finding details and tallying invoices, emails, and other larger documents requires significant manual effort.

Lack of Automation

The absence of an automated system results in inefficiencies in storing documents in a structured database.

Difficulty in Data Extraction

Extracting relevant information from scanned invoices and other unstructured data poses challenges.

Limited Data Access

Difficulty in quickly accessing and retrieving specific details from invoices for analysis and decision-making.

Rising Operational Costs

The need for human intervention in the entire invoice handling process contributes to rising operational costs.

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Solution Approach: Affine's AI Invoice Assistant

Invoice Assistant

- Utilize Azure Open AI to create an interactive assistant capable of understanding natural language queries about invoices.

- Implement Optical Character Recognition (OCR) to extract text from scanned invoices and other documents.

- Employ Entity Extraction to identify and extract relevant entities from the extracted text.

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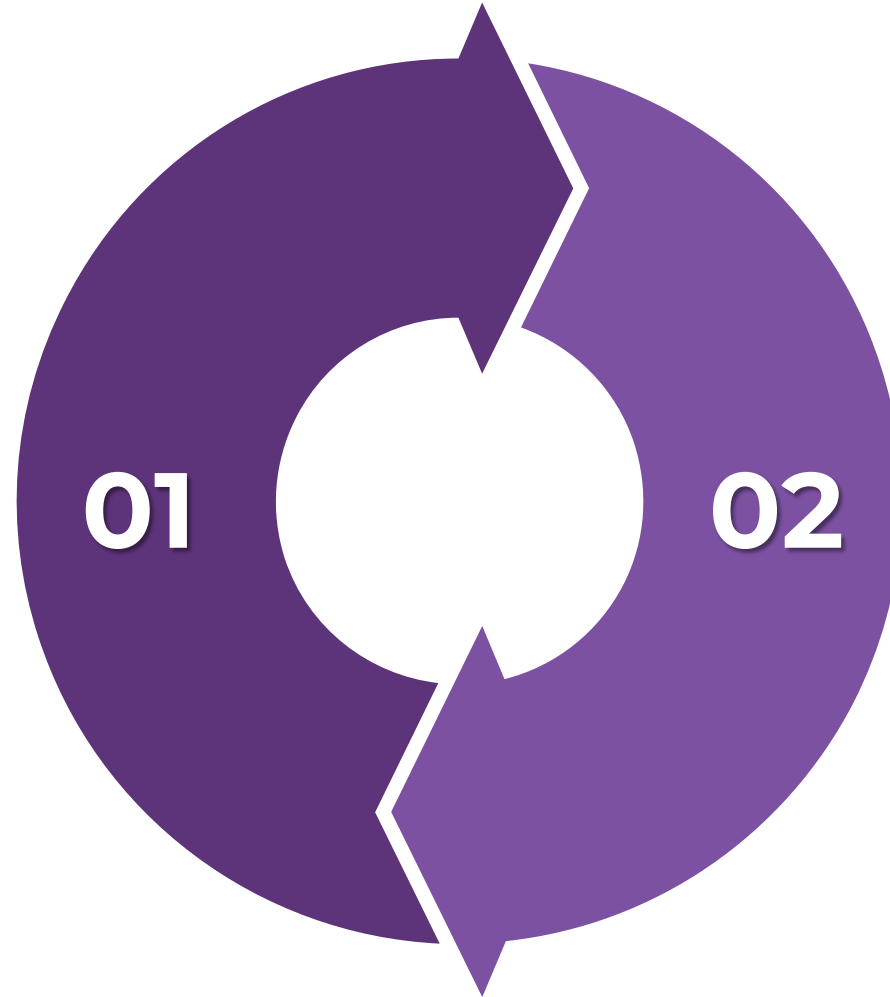
Invoice Tabular

- Leverage Azure services to design an automated tool, Invoice Tabular, that converts invoice formats into a structured database.

- Organize the extracted entities into a structured format suitable for database storage.

- Store the structured invoice data in the database for easy retrieval and analysis.

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Benefits: Affine's AI Invoice Assistant

Increased Efficiency

Automating the tedious task of tallying invoices and other documents saves manual effort, reducing human error and increasing operational efficiency.

Time Savings

The AI-powered assistant enables quick retrieval of invoice details, saving time spent on searching through documents.

Data Centralization

Storing invoice data in a structured database facilitates easy access and analysis, leading to better decision-making and business insights.

Scalability & Adaptability

The solution is designed to scale and handle a large volume of invoices, adapting to various document types such as scanned invoices and e-invoices.

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THANK YOU

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