



ask me anything

In today's fast-paced and data-driven world, businesses are constantly seeking tools that simplify their processes and enhance decision-making. "Ask Me Anything" developed by Solvia, is a groundbreaking software solution designed to transform how organizations interact with their data. By enabling natural language querying, this tool eliminates the complexities of traditional database interactions, empowering users across industries.

Key Features

Natural Language Processing:

- Users can query databases using human language, bypassing the need for technical expertise in complex query languages. For example:
- "Find products suitable for customers in Central Europe with at least EUR 5 million in revenue."
 - "List halal-certified, non-alcoholic beverages in the Turkish market."



Language Independence:

Ask Me Anything operates across multiple languages without translation requirements, ensuring seamless integration in diverse environments.



Customizable Implementation

Each deployment is tailored to meet specific customer needs, starting with a Proof of Concept (PoC) to ensure alignment with organizational goals.

Key Benefits

Simplified Data Queries:

- Users retrieve data faster without learning complex querying languages.
- Enables actionable insights through straightforward interactions.

Reduced IT Dependency:

- Minimizes the involvement of IT teams in routine data requests.
- Frees technical staff to focus on critical business tasks.

Enhanced Decision-Making:

- Accelerates the analysis of market trends, customer behavior, and product performance.
- Facilitates rapid responses to emerging business challenges.

Technology Stack

Ask Me Anything is built on the SAP Business Technology Platform, leveraging cutting-edge technologies:

- Programming Language: Python within the Cloud Foundry environment.
- Database Solutions: PostgreSQL or HANA Cloud, optimized with Vector Engine for AI processes.
- Artificial Intelligence Models: Latest LLM models from the SAP AI-Hub.



Use Case Scenarios

1.Regional Market Analysis:

A marketing analyst launching a product in Central Europe can use Ask Me Anything to identify potential customer bases efficiently, using queries like:

- "Find customers in Central Europe who spent EUR 200,000 last quarter."

2.Product Certification Inquiry:

A distributor seeking halal-certified, non-alcoholic products can quickly access relevant information and supplier details.

3.Product Compatibility Inquiry:

A manufacturer exploring the sales potential of apple-flavored beverages in the European market can analyze market trends and consumer preferences in seconds.

Implementation Process

The implementation of Ask Me Anything involves:

1. Conducting a PoC to validate functionality and address specific business needs.
2. Performing in-depth integration analysis to ensure seamless operation within the existing IT ecosystem.

Target Audience

Ask Me Anything is designed for organizations across various sectors aiming to harness the power of artificial intelligence without requiring extensive technical training. Its versatility makes it a valuable tool for businesses seeking to enhance data accessibility and usability.

Working Principle

Data Collection

- Data in structured or unstructured formats, as specified by the customer, is collected.

Data Analysis & Adaptation

- It is crucial that the collected data is comprehensible for the LLM. In this context, pre-processing may be required to ensure the data is clean and free from noise.

Sharing Data with the LLM and Receiving Responses

- The data is dynamically shared with the LLM based on user queries, focusing on the relevant portions. A response is then provided in line with the context and the user's query.

Educating Users on Generative AI

1. It is crucial to thoroughly inform users about the AI system being implemented, ensuring they have a clear understanding of what to expect and what not to expect. A general training session may be necessary for quick adaptation.

Establishing a Feedback System

Setting up a feedback mechanism is essential. Users should provide feedback on the responses generated by the LLM to the technical team, and all collected data should be analyzed to ensure the system operates at the desired level.

Conclusion

Ask Me Anything empowers organizations to unlock the full potential of their data. By simplifying interactions and delivering actionable insights, this innovative solution redefines how businesses leverage information. In this new era of data discovery, your queries are just a conversation away.

Contact Information

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