

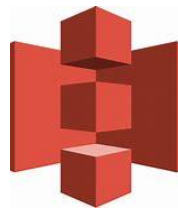
# UBI assisted a leading pharmaceutical company in creating AI based search engine to search within organization documents.

## Situation & Objective

- The company sought a centralized search platform to efficiently search for content across multiple sources, including SharePoint, S3, and various web addresses. Their objective was to obtain accurate and relevant answers in a manner similar to Google search.

## Solution Approach

- To address this need, Useful Bi implemented a centralized data lake on AWS S3 using Python and Spark in Databricks. This data lake stored all the relevant documents along with their metadata. Subsequently, AWS Kendra, an AI-powered search service, was leveraged to create an intelligent search engine.

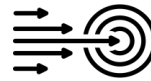


## Benefits



### Enhanced Search Efficiency

Employees experienced a **40% reduction** in the time required to search for information.



### Improved Accuracy

**25% increase** in accuracy of relevant answers to search queries



### Centralized Search Platform

**30% improvement** in productivity and collaboration. Users could access information from multiple sources through a unified interface