Deep Research on Unstructured Data

The Challenge

Organizations struggle to unlock the value of their data scattered across multiple systems, cloud platforms, and applications. Traditional search solutions fail to deliver intelligent, contextual results that drive business decisions and productivity.

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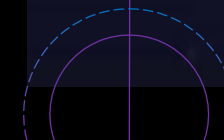Average hours per week employees spend researching

80%

Of "dark" data stored but not discoverable or actionable for decision-making

69%

Of searches result in irrelevant results

Transform fragmented data into intelligent, searchable insights that accelerate decision-making, boost productivity, and unlock hidden business value across your organization.

The Solution

A research tool built to empowers businesses and analysts to automate deep research using agentic AI frameworks. Participants walk away with intelligent agents that search the web, extract insights from unstructured sources, validate facts, and generate professional-grade reports with traceable citations—drastically reducing time from query to deliverable.

Web and Unstructured Data Analysis

- Use scraping, API access, and document ingestion pipelines to extract knowledge from reports, blogs, academic papers, PDFs, and raw HTML.
- Semantic search capabilities that understand context and intent, not just keywords

Autonomous Agent Workflows

- Deploy AI agents that break down complex research tasks into sub-tasks— searching, summarizing, cross-referencing, and compiling findings across sources.

Fact Validation and Citation Embedding

- Ensure generated insights are verifiable with embedded links and citations pointing to original sources, providing research-grade reliability.

Report Assembly and Output Automation

- Automatically generate structured research briefs, competitive analyses, or executive summaries with charts, references, and formatting aligned to business use cases.

Key benefits

- **Accelerated Time-to-Value:** Reduce search solution implementation from 6+ months to 6-8 weeks through proven methodologies and Azure-native architectures.

- **Enhanced Decision Intelligence:** Enable data-driven research on unstructured data with a world leading Agentic AI-powered solution that surfaces relevant insights, documents, and expertise while giving a relevant exportable summary .

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Case Study

Major US Law Firm To Utilize Deep Research on Unstructured Data

CHALLENGE

The client has a need for daily review and summary of legislative changes made in any federal or state legislatures concerning banking or credit union issues. As it can be assumed, this is a major task when done manually that has been contracted out to a third-party vendor in to-date.

SOLUTION

Using the Jump Start Accelerator Deep Research tool, we were able to search against unstructured data on all federal and state legislative sites to look for new or changed financial legislation daily. We then structured the tool to return a summary of the new or changed legislation but also included source links for verification of the information.

RESULTS

The firm saved over $2 million by expanding their client base without increasing their full-time employee count. Additionally, they eliminated an expensive service and reduced the lag time in notifying legislative changes

Let's connect

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