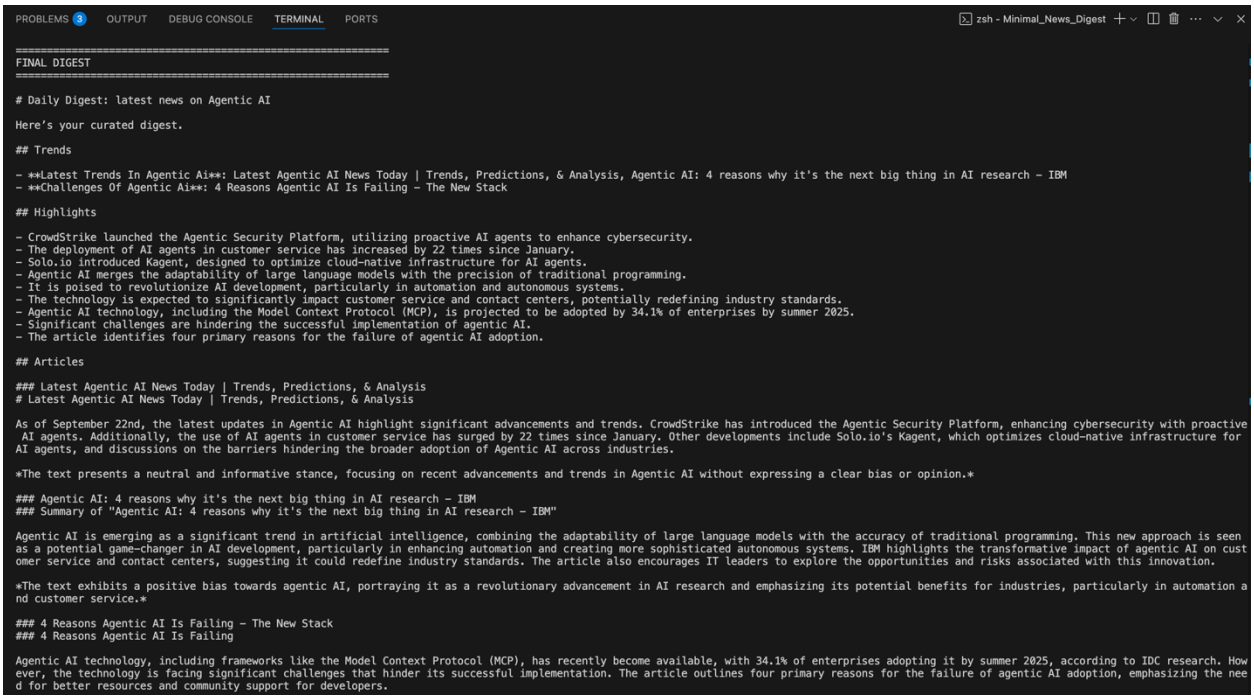
Project Demo Log: Minimal News Digest

1. Demo Run (Screenshots)

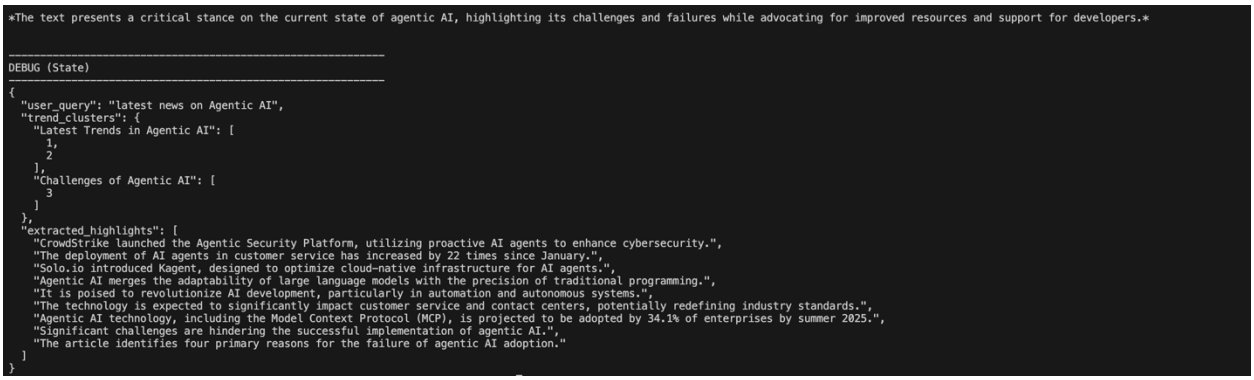
Screenshot 1 — Raw Digest + Debug State



This shows the **digest generation process** and the **debug state**.

- The **Fetcher Agent** retrieved 3 news articles related to *Agentic AI*.
- The **Trend Clustering Tool** groups articles using embeddings and KMeans Clustering
- The **Summarizer Agent** processed each article, producing concise summaries and extracted highlights.
- The **Editor Agent** compiled the digest, formatted in Markdown, and presented the final output.

Screenshot 2 — Final Digest Output



This screenshot shows the **States** stored and referenced across the Agents. This is shown by explicitly stating DEBUG=true in .env file.

2. Key Interactions and Tool Usage

Step 1: Fetcher Agent

- **Tool used**: tool_fetch_news (Tavily search API)
- **Tool used**: tool_trend_cluster (embedding-based clustering with KMeans + LLM label refinement)
- **Outcome**:
    - Retrieved 3 articles.
    - Clustered into Latest Trends in Agentic AI and Challenges of Agentic AI.

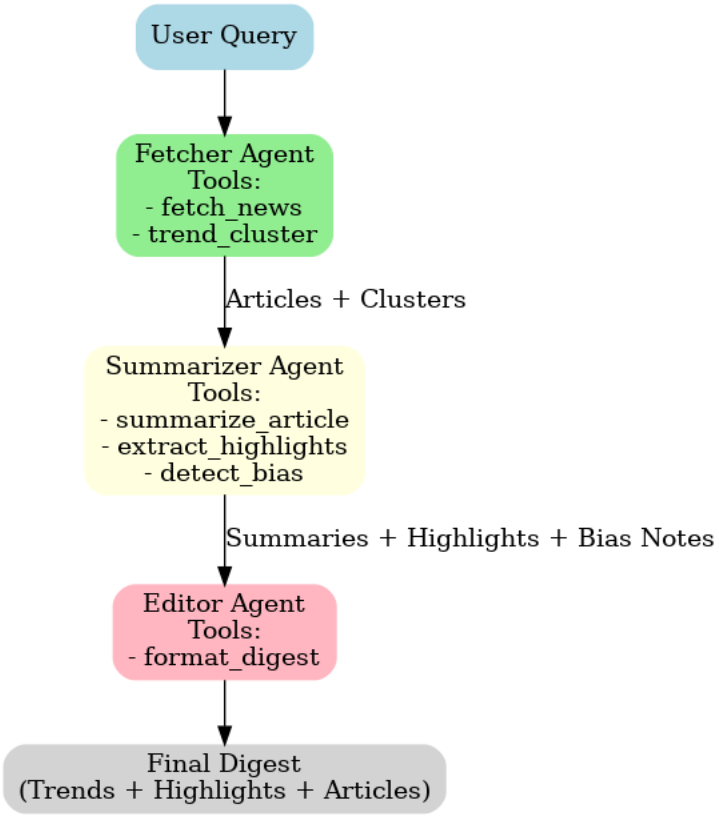
Step 2: Summarizer Agent

- **Tool used**: tool_summarize_article (LLM summarization)
- **Tool used**: tool_extract_highlights (LLM-generated bullet points)
- **Tool used**: tool_detect_bias (LLM stance/bias detection)
- **Outcome**:
    - Each article summarized in 3–5 sentences.
    - Extracted 8 highlights across all articles.
    - Bias notes added (neutral, positive, or critical stance).

Step 3: Editor Agent

- **Tool used**: tool_format_digest (compiles digest into Markdown, HTML, or text)
- **Outcome**:
    - Produced final digest with three structured sections: **Trends, Highlights, and Articles**.
    - Displayed cluster labels and mapped article titles under each trend.
    - Ensured consistent formatting according to user's --style (Markdown).

3. Narrative Flow Diagram



4. Final Outcome

The system successfully demonstrated:

- **Agent collaboration** (Fetcher → Summarizer → Editor).
- **Tool specialization** (retrieval, clustering, summarization, bias detection, formatting).
- **State handoff** (articles → summaries → digest).
- **Usable output**: A clear digest of *Agentic AI news* showing both opportunities and challenges.

Example digest sections:

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FINAL DIGEST

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Daily Digest: latest news on Agentic AI

Here's your curated digest.

Trends

- **Latest Trends In Agentic Ai**: Latest Agentic AI News Today | Trends, Predictions, & Analysis, Agentic AI: 4 reasons why it's the next big thing in AI research - IBM

- **Challenges Of Agentic Ai**: 4 Reasons Agentic AI Is Failing - The New Stack

Highlights

- CrowdStrike launched the Agentic Security Platform, utilizing proactive AI agents to enhance cybersecurity.

- The deployment of AI agents in customer service has increased by 22 times since January.

- Solo.io introduced Kagent, designed to optimize cloud-native infrastructure for AI agents.

- Agentic AI merges the adaptability of large language models with the precision of traditional programming.

- It is poised to revolutionize AI development, particularly in automation and autonomous systems.

- The technology is expected to significantly impact customer service and contact centers, potentially redefining industry standards.

- Agentic AI technology, including the Model Context Protocol (MCP), is projected to be adopted by 34.1% of enterprises by summer 2025.

- Significant challenges are hindering the successful implementation of agentic AI.

- The article identifies four primary reasons for the failure of agentic AI adoption.

Articles

Latest Agentic AI News Today | Trends, Predictions, & Analysis

Latest Agentic AI News Today | Trends, Predictions, & Analysis

As of September 22nd, the latest updates in Agentic AI highlight significant advancements and trends. CrowdStrike has introduced the Agentic Security Platform, enhancing cybersecurity with proactive AI agents. Additionally, the use of AI agents in customer service has surged by 22 times since January. Other developments include Solo.io's Kagent, which optimizes cloud-native infrastructure for AI agents, and discussions on the barriers hindering the broader adoption of Agentic AI across industries.

The text presents a neutral and informative stance, focusing on recent advancements and trends in Agentic AI without expressing a clear bias or opinion.

Agentic AI: 4 reasons why it's the next big thing in AI research - IBM

Summary of "Agentic AI: 4 reasons why it's the next big thing in AI research - IBM"

Agentic AI is emerging as a significant trend in artificial intelligence, combining the adaptability of large language models with the accuracy of traditional programming. This new approach is seen as a potential game-changer in AI development, particularly in enhancing automation and creating more sophisticated autonomous systems. IBM highlights the transformative impact of agentic AI on customer service and contact centers, suggesting it could redefine industry standards. The article also encourages IT leaders to explore the opportunities and risks associated with this innovation.

The text exhibits a positive bias towards agentic AI, portraying it as a revolutionary advancement in AI research and emphasizing its potential benefits for industries, particularly in automation and customer service.

4 Reasons Agentic AI Is Failing - The New Stack

4 Reasons Agentic AI Is Failing

Agentic AI technology, including frameworks like the Model Context Protocol (MCP), has recently become available, with 34.1% of enterprises adopting it by summer 2025, according to IDC research. However, the technology is facing significant challenges that hinder its successful implementation. The article outlines four primary reasons for the failure of agentic AI adoption, emphasizing the need for better resources and community support for developers.

The text presents a critical stance on the current state of agentic AI, highlighting its challenges and failures while advocating for improved resources and support for developers.