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 Member-only story

15+ Top MCP Servers & Directories: Curated for Data Engineering, AI Acceleration, LLM & Agents Interoperability (2025)

From Snowflake to Slack, explore the top MCP servers empowering LLMs with real-world data and workflows you need to understand.



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8 min read · Apr 16, 2025

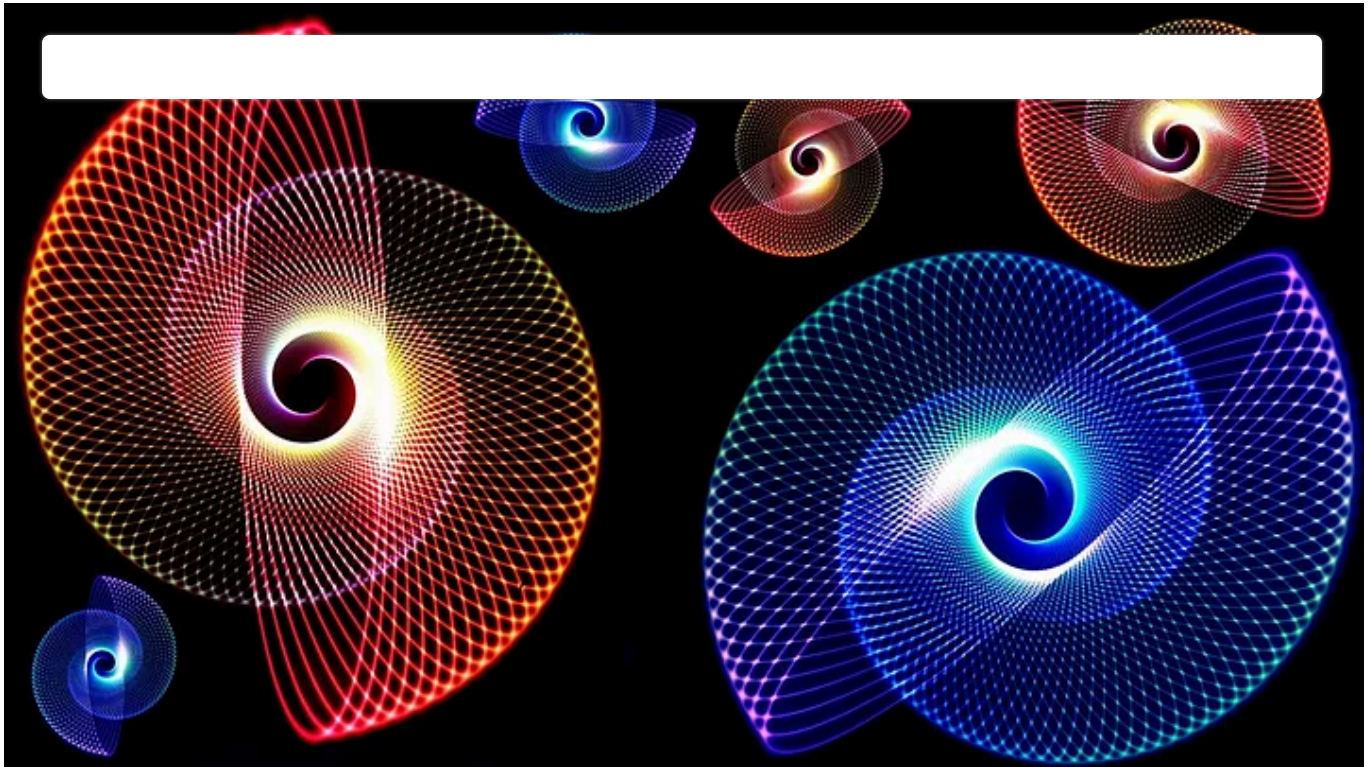


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1. Intro

Do you remember what happened on **November 25, 2024**?

Where were you, what were you doing?

For most, it's just another date — unless it's your birthday, anniversary, or a personal milestone.

But for the data and AI community, it was a monumental day to remember: the day Anthropic publicly announced the **Model Context Protocol (MCP)**.

<https://www.anthropic.com/news/model-context-protocol>

MCP is an open standard that establishes a universal protocol, bridging the gap between AI models and



Since its introduction, MCP has gained significant traction, with major companies like Google and OpenAI adopting the protocol to enhance their AI systems' capabilities.

OpenAI adopts rival Anthropic's standard for connecting AI models to data | TechCrunch

OpenAI is embracing rival Anthropic's standard, Model Context Protocol (MCP), for connecting AI assistants to the...

techcrunch.com

2. MCP Demos

Going down memory lane; a few months ago, I created a few early demonstration videos showcasing the Model Context Protocol (MCP), highlighting its potential for connecting large language models with external tools and data sources.

At the time, MCP wasn't as popular, but that is quickly changing.

- **[Claude's Game-Changer: Discover the Power of Anthropic's Model Context Protocol \(MCP\) | DemoHub.dev](#)**
- **[Control Desktop Folders & Files with Anthropic's Model Context Protocol \(MCP\) | DemoHub.dev](#)**



Demo by Author

Fast forward to today, and MCP continues to gain significant traction within the developer community, evolving into an essential technology for data professionals.

3. What is MCP?

This is an important point to clarify: **the Model Context Protocol (MCP) is not a new tool or large language model (LLM).**

While it was introduced by Anthropic, MCP is not proprietary to them. In principle, no single company owns it.

MCP is a standard that defines how LLMs can consistently interact with tools, services, and data sources. As an open protocol, it's designed to be adopted by any vendor, tool, or service.

If you're unfamiliar with protocols, consider the ones you already use every day — like HTTP, gRPC, MQTT, or AMQP. They standardize how different systems talk to each other.

The easiest way to understand MCP? It's like **HTTP for LLMs**.

Just as your browser uses HTTP to fetch web pages, LLMs use MCP to fetch data, trigger actions, and interact with external tools. It brings structure and consistency to how AI connects with the world.

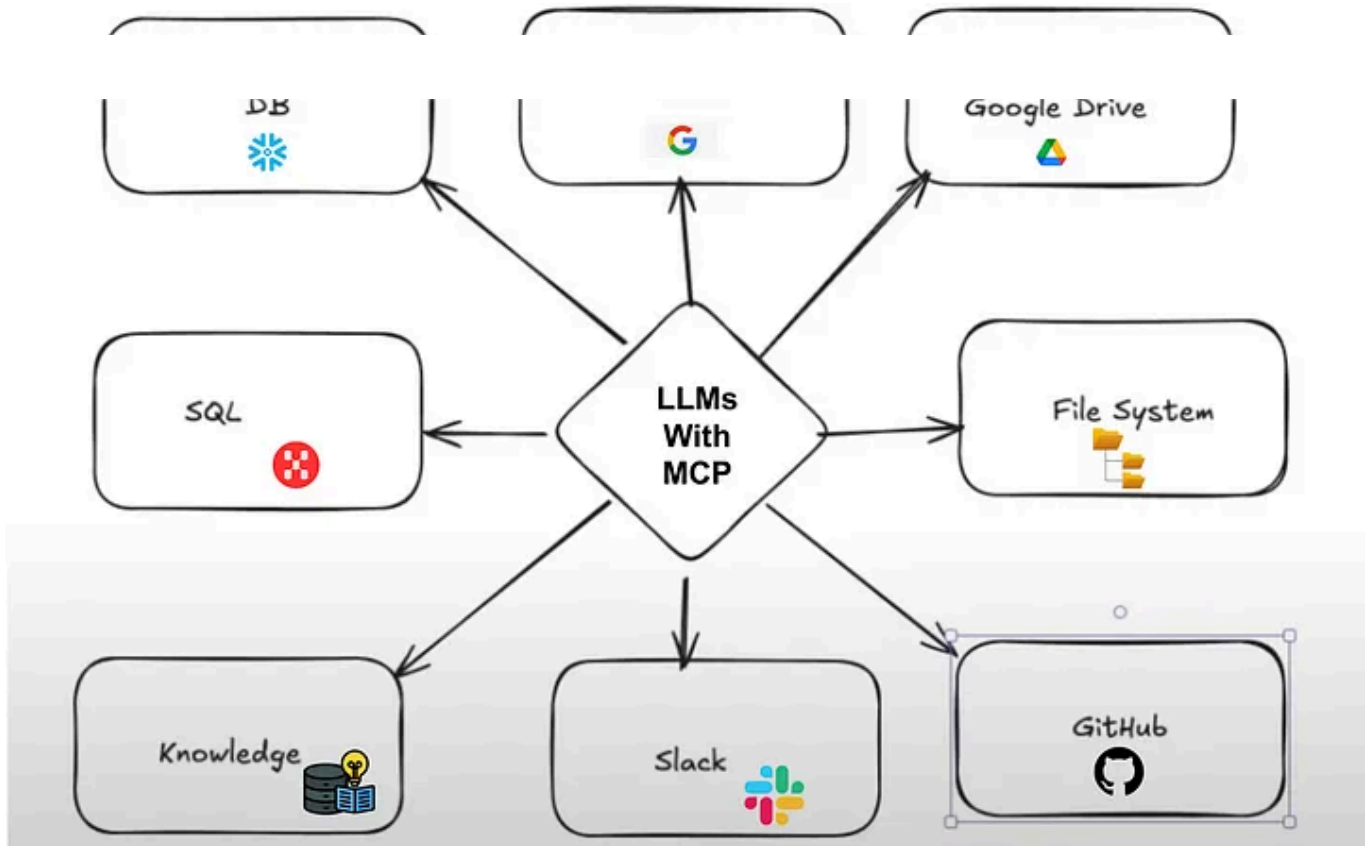


Image by Author

This creates a more seamless experience when using AI to access or manipulate data across different platforms.

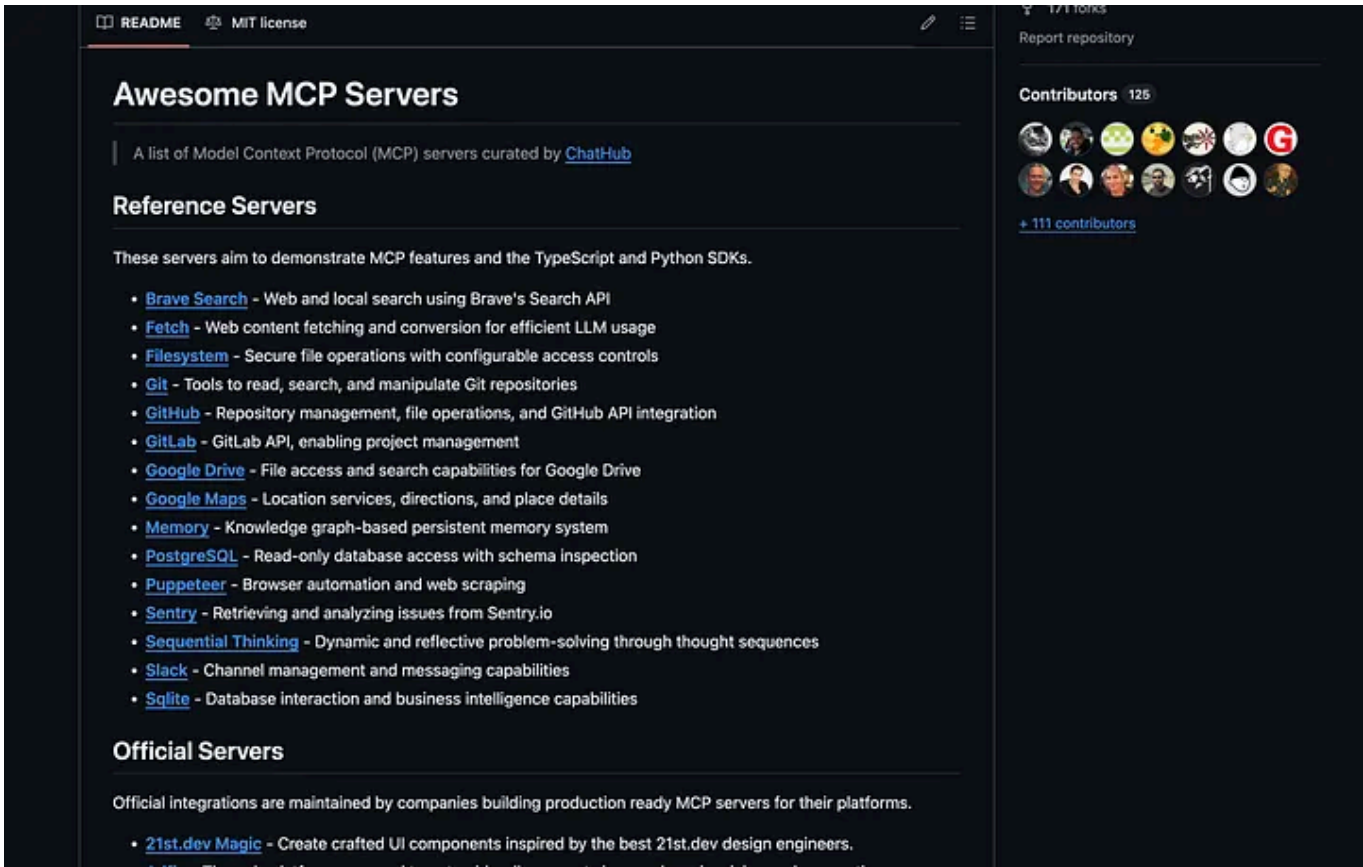
4. MCP Server Directories

The MCP ecosystem is growing rapidly, with new servers connecting diverse applications and data sources.

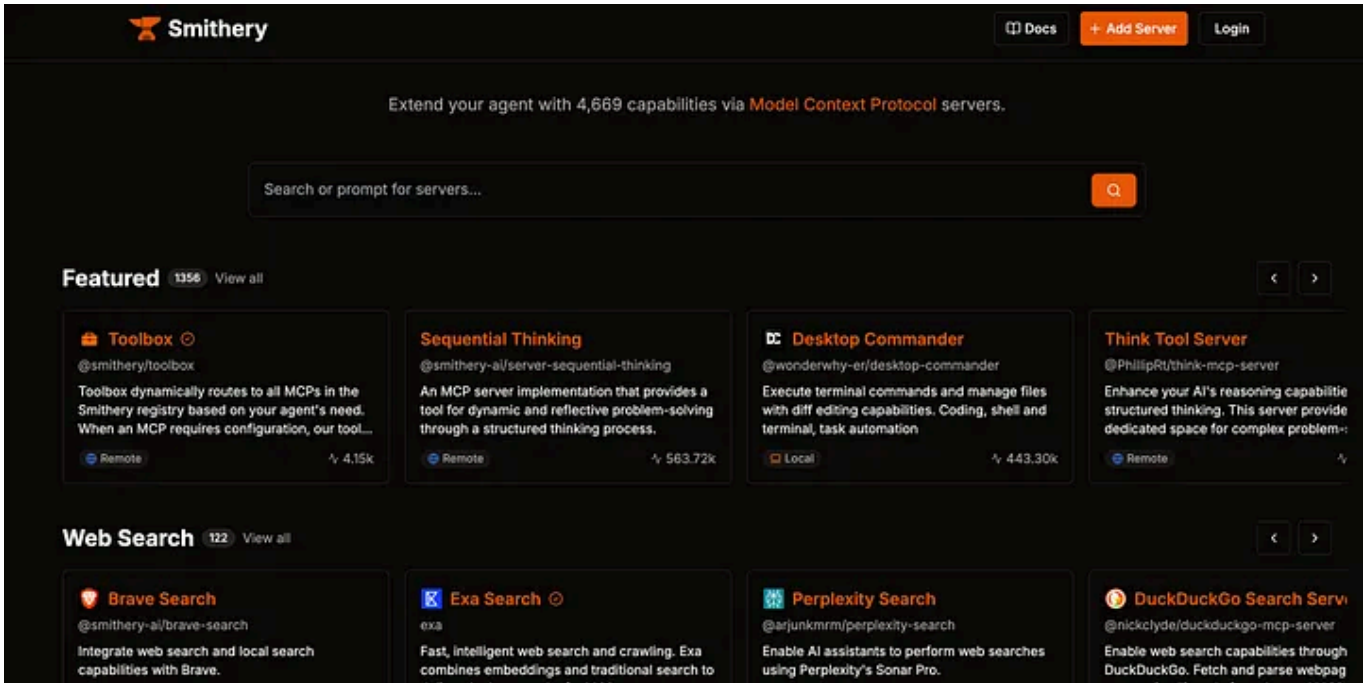
Directories are being created / curated; offering a list of servers and their capabilities, making it easier for developers to discover and implement MCP solutions.

Here are a few popular directories with many more created daily.

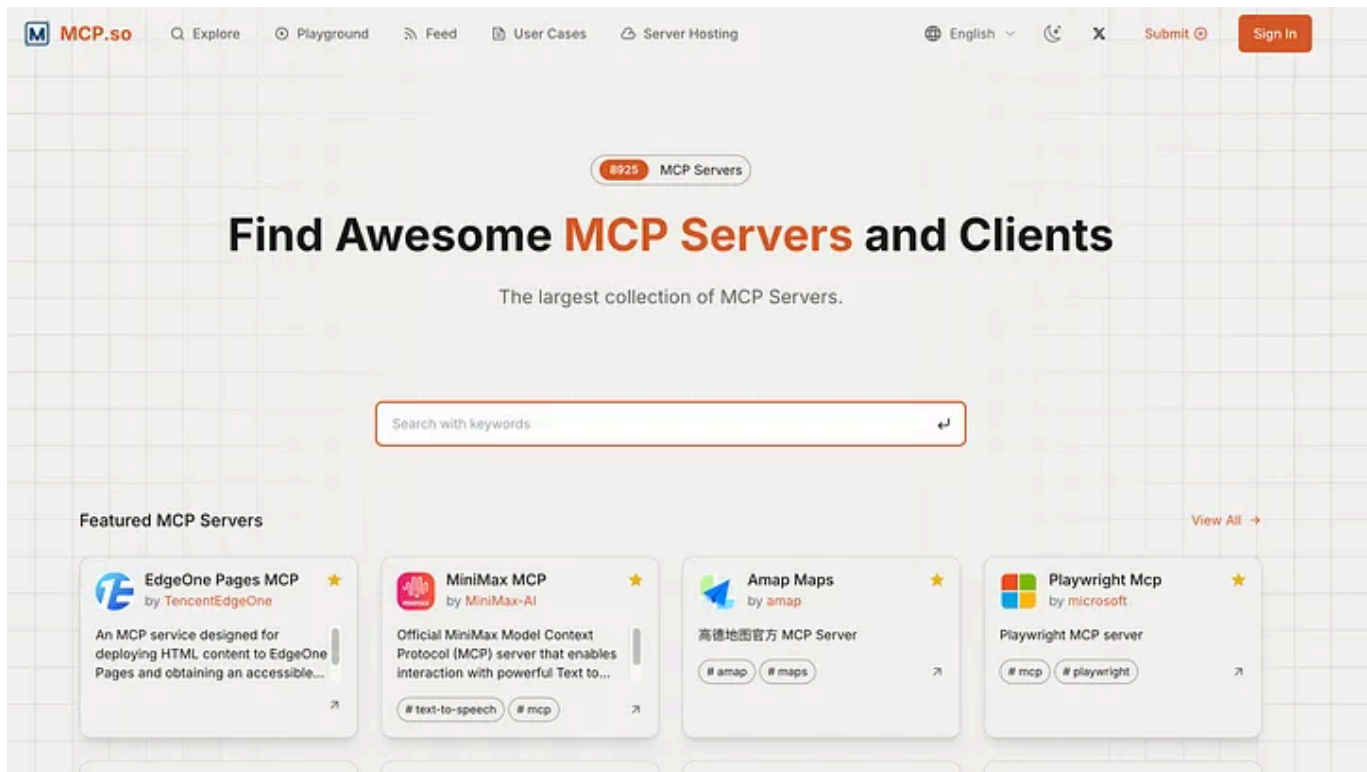
• Awesome MCP (200+ Servers)



• Smithery.ai MCP (4000+ Servers)



- [Mcp.so \(9000+ Servers\)](#)



5. Curated MCP Servers for Data Professionals

Here's a list of some notable MCP servers that data professionals should be aware of:

Warning: Please note that most of these servers are community-developed and unofficial; they are not necessarily affiliated with or endorsed by the vendors. As such, they may be untested and should be used at your own discretion.

Data Storage & Processing

Snowflake-MCP: Allows LLMs to query and retrieve data from Snowflake data warehouses. This could enable AI-powered data analysis, report generation, and insights extraction directly from your data lake.

- *Example: An LLM could use a Snowflake-MCP server to answer questions like “What were the top 5 performing products in the last quarter?” by querying sales data in Snowflake.*

Filesystem-MCP: Provides LLMs with access to local or remote file systems. This allows for reading documents, code files, and other data directly.

- *Example: An LLM could use File System-MCP to analyze a local CSV file containing customer data or to read a research paper stored on a shared drive.*

Development Tools

GitHub-MCP: Enables LLMs to interact with GitHub repositories. This could be used for code analysis, understanding project history, retrieving documentation, or even automating certain development workflows.

- *Example: An LLM could use GitHub-MCP to find all instances of a specific function in a codebase or summarize the changes introduced in the latest pull request.*

Docker-MCP: Allows LLMs to interact with Docker environments. This could be used for managing containers, retrieving information about running

services, or even automating deployment tasks (with appropriate security considerations).

- *Example: An LLM could use Docker-MCP to check the status of running containers or to retrieve the logs of a specific service.*

Jupyter-MCP: Could allow LLMs to interact with Jupyter notebooks, potentially executing code, analyzing results, or extracting insights from notebooks.

- *Example: An LLM might use Jupyter MCP to run a data analysis script in a notebook and summarize the findings.*

Web & Automation

Puppeteer-MCP: Enables LLMs to control and interact with web browsers using Puppeteer. This opens up possibilities for web scraping, automated testing, and generating web-based reports.

- *Example: An LLM could use Puppeteer-MCP to extract data from a website or to take a screenshot of a specific webpage.*

Office & Productivity

PowerPoint-MCP: Could potentially allow LLMs to interact with PowerPoint presentations, such as extracting text, summarizing content, or even generating slides (this might be more complex and depend on the specific server implementation).

- *Example: An LLM might use PowerPoint-MCP to extract key takeaways from a presentation or to find all slides that mention a specific keyword.*

Excel-MCP: Enables LLMs to read and potentially write data to Excel spreadsheets. This could be used for data analysis, manipulation, and integration with other systems.

- *Example: An LLM could use Excel MCP to analyze data in a spreadsheet and generate a summary or to update values based on certain criteria.*

Google Calendar (Gsuite)-MCP: Allows LLMs to access and manage Google Calendar events. This could be used for scheduling, retrieving meeting information, or sending reminders.

- *Example: An LLM could use Google Calendar MCP to check your availability for a meeting or to add a new event to your calendar.*

Slack-MCP: Enables LLMs to interact with Slack workspaces. This could be used for retrieving messages, posting updates, or even triggering workflows based on Slack activity.

- *Example: An LLM could use Slack-MCP to summarize a channel's activity or to send a notification when a specific event occurs.*

Internet Search

Google Maps-MCP: Could allow LLMs to retrieve location information, directions, or points of interest from Google Maps.

- *Example: An LLM could use Google Maps MCP to find the nearest restaurants or to get directions between two addresses.*

Brave Search-MCP: Enables LLMs to perform web searches using the Brave Search engine and retrieve the results.

- *Example: An LLM could use Brave Search MCP to find the latest news on a specific topic.*

Project Management

Jira-MCP: Enables LLMs to interact with Jira project management software. This could be used for retrieving issue details, tracking progress, or even creating new tickets.

- *Example: An LLM could use Jira MCP to get the status of a specific task or to create a new bug report.*

6. Practical Applications of MCPs

MCP is only as powerful as the problems it helps solve. Just as HTTP alone isn't useful without the websites and applications it enables, MCP's value lies in the real-world tasks it empowers AI to perform. Here are some practical ways Data professionals can leverage these MCP servers to streamline workflows today:

1. **Automated Code Reviews:** Integrate with GitHub to fetch pull request details, analyze code changes using AI models like Claude Desktop, and generate review summaries, enhancing development efficiency.
2. **Customer Support Automation:** Connect AI assistants to CRM systems and knowledge bases to access customer history, search for accurate solutions, and create support tickets, thereby improving customer service operations.
3. **Personal Productivity:** Enable AI to manage calendars, organize emails, book travel, and handle financial tasks by integrating with relevant tools, thus enhancing individual productivity.
4. **Creative Workflows:** Allow content creators to access digital asset management systems, integrate with editing tools, and analyze audience engagement, streamlining the content creation process.

How We're Using MCP to Automate Real Workflows: 6 Working Use Cases | Runbear

Six practical use cases you can deploy this week.

runbear.io

7. Looking Forward

As MCP adoption continues to grow, we can expect more servers to emerge, covering additional tools and services used by data professionals.

The standardization that MCP brings to AI interactions with external systems promises to make data work more intuitive and efficient, reducing the cognitive load of switching between different tools and syntax.

Resources

<div><div>Everything You Need to Know about MCP Servers, Explained</div><div>Introduction to MCP Server</div><div>sebastian-petrus.medium.com</div></div>	
<div><div>The Top 7 MCP-Supported AI Frameworks</div><div>Create AI apps with Python and Typescript frameworks that leverage MCP servers to provide context to LLMs.</div><div>medium.com</div></div>	
<div><div>Announcing the Agent2Agent Protocol (A2A)</div><div>Explore A2A, Google's new open protocol empowering developers to build interoperable AI solutions.</div><div>developers.googleblog.com</div></div>	

Your Thoughts

What do you think about the growing MCP ecosystem? Have you implemented any MCP servers in your data workflows?

I'd love to hear which MCP server has been most valuable in your professional toolkit and what MCP server from the list excites you the most?

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medium.com

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Claude Mcp

Mcp Server

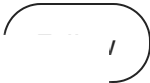
Mcp Protocol

Snowflake Mcp

Smithery



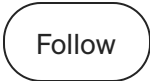
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Responses (7)



W Gong

What are your thoughts?



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Apr 22



None connection to Google Sheets?



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EL JAZOULI he
Apr 25



This article has me really excited about the future of AI and data integration. Thanks for bringing MCP to my attention!

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 1 reply

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 Easy Marketing Tips

Apr 23

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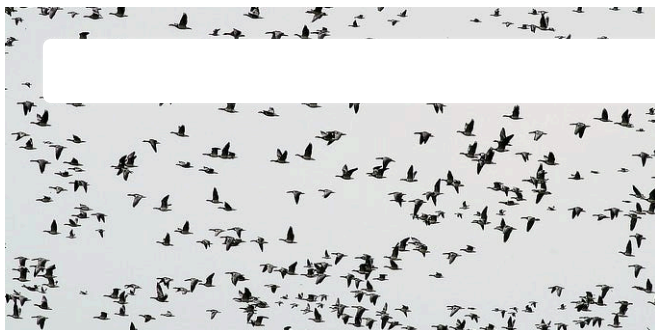
Every tool here feels like a puzzle piece—some boost speed, others clarity. The trick is knowing when to swap them out as the stack and goals shift mid-project.

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See all responses

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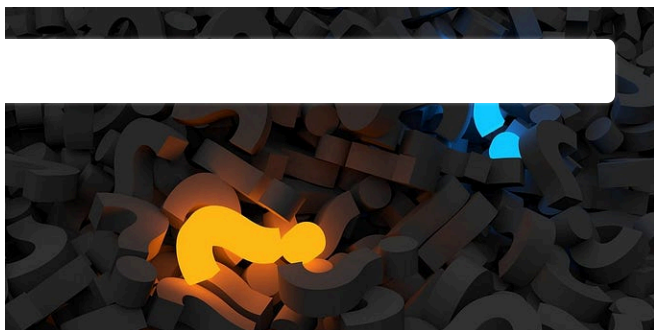


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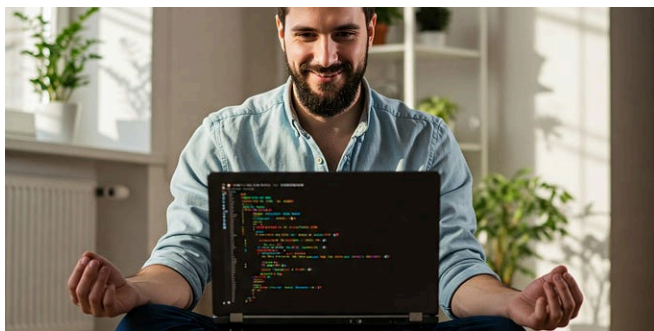


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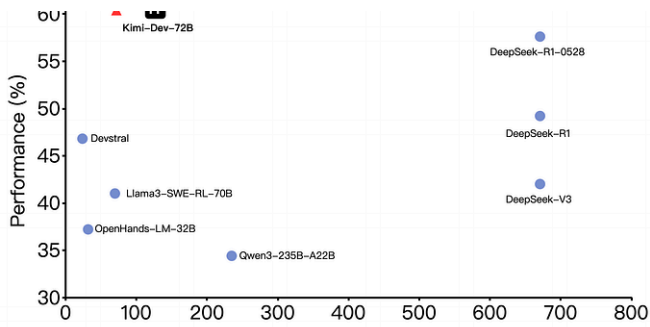


 Joe Njenga

Google Launches Claude Code Alternative Gemini CLI (I Tested It)

Google could have just ended Claude Code’s dominance with this NEW FREE Claude Cod...

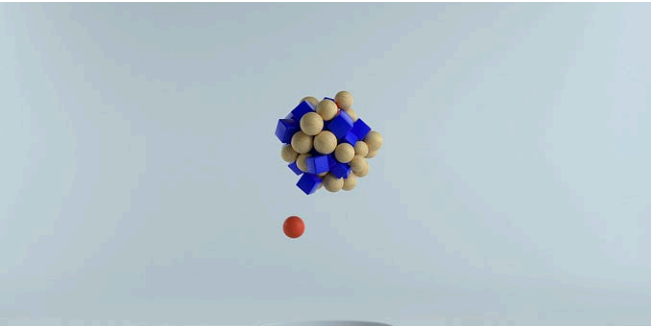
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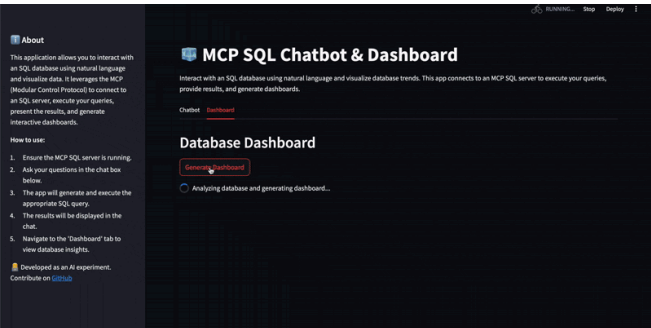


 In Generative AI by TheMindShift

I Tried 12 AI Agent Frameworks in 2025—Here’s the Brutally Honest...

From No-Code Builders to Scalable Dev Tools—Here’s What Actually Works (and What...

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 Vivek Singh Pathania

Build an AI Agent That Turns SQL Databases into Dashboards—No...

This is a hands-on guide to building a secure, no-code, AI-powered dashboard system tha...



 In White Prompt Blog by Marcelo Bairros

The Claude Code Playbook: 5 Tips Worth \$1000s in Productivity

Maximize Claude Code with 5 workflow tips for faster coding, better system design, and...

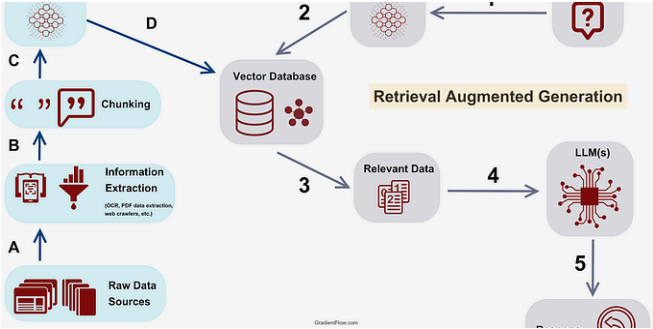
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