Groq ➕ Sourcetable:
AI-powered Spreadsheets for a New Era of Data Analysis

Sourcetable

Get spreadsheet work done in seconds – clean data, automate research, and analyze files with AI, all at the touch of a button.

The Challenge

Can you name the most widely used analytical software application in the world? A tool used by over a billion people? If you answered *the spreadsheet*, then you are correct. The humble spreadsheet, a computing staple dating back the glory days of VisiCalc and Lotus 1-2-3 (ask your parents!), is used on a daily basis by professionals in finance, analytics, sales, operations, marketing, and just about every other business function you can imagine.

While leading spreadsheet software programs such as Microsoft Excel and Google Sheets have become more powerful over the years, they have also become more complex to learn and use. It can take months for new users to get past the "add up a column of numbers" stage and master the more complex features such as pivot tables, data validation, and Visual Basic for Applications (VBA). Not to mention the hours even the most expert users have to spend on mundane tasks such as cleaning up data (e.g. formatting phone numbers and addresses) and creating reports. There are many powerful things spreadsheets can do that are out of reach for most users. As a result, only a handful of those one billion plus users have truly mastered spreadsheets and can get the very most out of them.

Sourcetable helps supercharge spreadsheet tasks, from the mundane to the time consuming to the powerful.
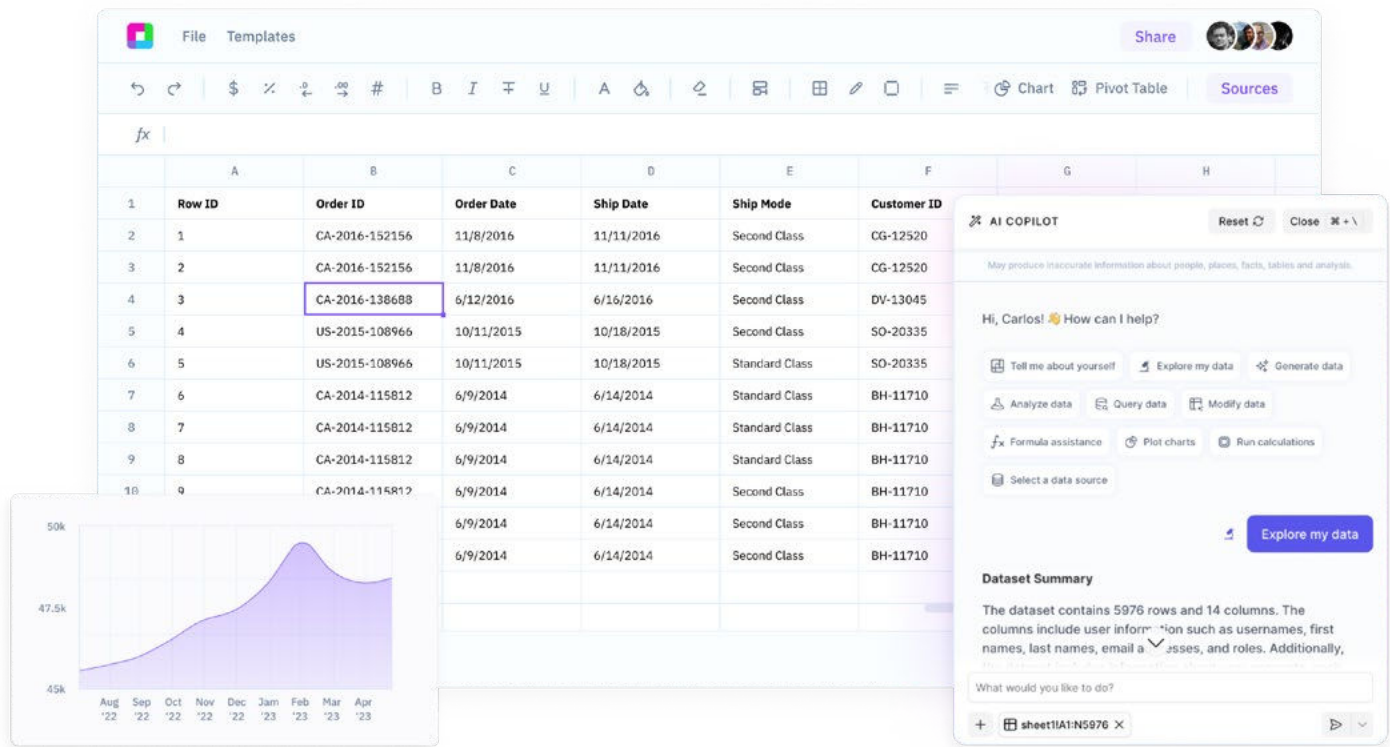
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The Solution

Sourcetable is an AI-powered spreadsheet that helps people do faster and more powerful work. It pairs an AI-powered chatbot with the spreadsheet functionality people expect from Excel or Google Sheets. They get all the data, functions, and features of their normal spreadsheet, with an AI layer that makes using all those functions and features easier and faster. Powered by Groq® LPU™ AI inference technology, Sourcetable helps supercharge spreadsheet tasks from the mundane (formulas, charts) to the time consuming (data formatting) to the powerful (external data integration, data analysis). The user imports a CSV or XLSX file, or integrates Sourcetable with over 100 data sources, and away they go.

Sourcetable works because it is Powered by Groq fast AI inference. At the heart of Sourcetable is an AI assistant that offers suggestions based on user data and reacts to natural language commands. Like any real-time AI co-pilot, the Sourcetable assistant must be fast. In fact, the Sourcetable performance bar is set even higher than most solutions. It's a spreadsheet, and when spreadsheet users enter a formula or perform a calculation, they expect instant results. Sourcetable needs to be just as fast.

Fortunately, Groq makes instant response times a reality. Sourcetable's architecture features storage and compute layers alongside the imported workbook data, which gives it plenty of flexibility for accessing workbook data, employing multiple AI agents for different tasks, and even writing Python or SQL code for external integrations. Groq fast AI inference powers all this complex work behind the scenes, delivering high-quality results to users in real-time.

The Opportunity

Just as AI is revolutionizing software development, automating mundane tasks and enabling software developers to improve the efficiency, quality, and scope of their work, Sourcetable and Groq are revolutionizing data analytics. Sourcetable accelerates the relatively simple things that everyone does in spreadsheets: formulas, charting, and cleaning and summarizing data. It saves current users countless hours, and lets new users ramp up much more quickly.

This is just the beginning though. Sourcetable, Powered by Groq, enables the most curious, inquisitive users to get more value out of their data. From experienced power users to rookies, users who are willing to be more creative in using Sourcetable can articulate what they envision and work with Sourcetable to make that vision come to life.

They can work with Sourcetable, the AI spreadsheet Powered by Groq, to get the most value out of having practically unlimited digital intelligence at their fingertips.