



Stop Paying for Web Data Scraping Tools and Try This Instead

The world of big data keeps growing, evolving, and becoming even more impactful with time. As technology and digital platforms advance, we're on the brink of generating data equivalent to a staggering 212,765,957 DVDs every day by 2025. It's no wonder that businesses have turned to big data and analytics to gain a competitive edge in the global marketplace. Accurate sales forecasts, powered by data analysis, are the keys to evolution and success in the corporate world.

For businesses that require extensive data, [web data scraping](#) has become the go-to solution. This process allows them to extract non-tabular or poorly structured data from the internet and convert it into a structured and usable format. The scraping process can be performed with either a free web scraper or a paid one, targeting screen scraping, which involves collecting all the information displayed digitally. Web data extraction software simplifies the [data collection](#) process significantly. Given the volume of data required for business operations, a web data scraping tool is a cost-effective and time-saving solution for acquiring diverse types of data from the internet.

How to Reduce Operational Costs for Web Data Scraping

Data holds the key to the expansion of 94% of businesses, and web data scraping has emerged as the answer to all their big data requirements. This process involves multiple stages, from writing the first line of code to obtaining structured and ready-to-use data. Thanks to web data scraping tools, businesses can significantly reduce their operational costs related to data scraping.

One key reason behind this cost-saving is the automation of the screen scraping process, accomplished through a dynamic website scraper. Professional companies choose to automate web scraping operations, either through open-source self-service tools or by outsourcing to web scraping companies. Automation optimizes the entire workflow, making data collection more efficient. By collaborating with a [web scraping service](#) provider, businesses can further lower their costs and enjoy a smooth data acquisition experience with minimal expenses.

Top Free Scrapers in the Market

Opting for a free web scraper can help businesses cut operational expenses significantly. Free web scrapers streamline the process of collecting data from web pages, sparing you the need

to write extensive code. Advanced tools offer point-and-click functionality for effortless data scraping. Here are some of the top free web data scraping tools available:

1. ApiScrapy

ApiScrapy provides user-friendly, advanced, and free web data scraping tools that cater to the data needs of businesses across various industries. These web scrapers allow you to extract data in different formats such as JSON, XML, Excel, and more. ApiScrapy's data scraper adapts to website structures using AI technologies, making it an ideal choice for data collection from complex and sluggish sites. While free web scrapers offer limited features, paid web data scraping tools come with additional features for more effortless data extraction.

2. Octoparse

Octoparse is an excellent choice for professionals with no coding skills. This screen scraping tool is favored by sellers, marketers, researchers, and data analysts. It efficiently handles both static and dynamic websites and delivers data in formats like TXT, CSV, HTML, and XLSX. Octoparse's free edition allows you to create up to 10 crawlers, while paid membership plans provide access to APIs and a wider range of anonymous IP proxies for quicker and continuous data extraction.

3. Pattern

Pattern is a web data scraping toolkit for the Python programming language. It offers a free web scraper for fast and accurate data extraction, making it an excellent choice for both coders and non-coders.

4. ParseHub

ParseHub is designed for both coders and non-coders and is ideal for scraping data from static and dynamic websites. Leveraging machine learning technology, it recognizes the most accurate data and generates output files in JSON, CSV, Google Sheets, or through an API. This screen scraping tool is available for Windows, Mac, and Linux users. The free edition allows five projects and 200 pages per run, while a premium subscription offers 20 private projects with 10,000 pages per crawl and IP rotation.

5. Scrapy

Scrapy is an open-source web data scraping framework designed for Python developers. Users can build a free web scraper to efficiently extract data from websites in their preferred structure and format. Scrapy also supports asynchronous networking, allowing you to move on

to the next scraping task before the current one is completed. This data scraping tool is available for Mac, Linux, and Windows users.

6. Frontera

Frontera is an open-source web crawling framework aimed at large-scale web data extraction. It efficiently uses robust hardware for crawling, parsing, and indexing new links. This screen scraping tool offers flexibility and configurability. While its primary goal is large-scale website crawls, it can also handle moderate-scale scraping on a single computer.

7. Crawly

For basic web data scraping requirements, Crawly offers an automatic web scraping solution. It turns websites into structured data with ease, and users can extract limited data like comments, videos, title text, date, entity tags, author, HTML, image URLs, publisher, and country by providing the website URL and their email address.

8. Webhose.io

Webhose.io is an API service that specializes in turning unstructured web content into machine-readable data on demand. The platform offers a free service trial and is trusted by Fortune 500 companies for large-scale web data extraction.

9. Portia

Portia is an advanced web data scraping tool that allows users to extract data from any website without any programming knowledge. You can use annotations to specify the data you want from a web page, and Portia will extract data from similar pages based on those annotations.

10. DataMiner

DataMiner is a powerful screen scraping tool available as a Google Chrome and Edge Browser extension. It lets you crawl and scrape web data into CSV files or Excel spreadsheets with a user-friendly interface.

11. Scrape.it

Scrape.it is designed for scalable web data scraping without coding. It uses Web Scraping Language (WSL) and is an easy-to-learn tool suitable for secure and scalable data scraping. In conclusion, many businesses lack the time or resources to conduct web data scraping at a large scale. In such cases, web data extraction software offers rich features for crawling millions of web pages and extracting data with high accuracy. Another option is to offshore a

data company for this purpose. Choosing a reliable web scraping company, such as OutsourceBigdata, can help reduce data scraping costs while ensuring high accuracy and speed. By outsourcing, businesses can focus on core projects without worrying about web data scraping. [OutsourceBigdata](#) offers premium services tailored to the specific requirements and goals of startups and enterprises, promising a better return on investment and improved process efficiency.

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