

FAQ: Build Your Own Keyword Density Checker with Python & AI

Learn how to create a powerful SEO tool using AI, no coding experience needed.

Based on [Build Your Own Keyword Density Checker With Python Ai No Coding Experience Required](#)
by Casey Builds It

Q: What exactly does this keyword density checker tool do?

A: This tool scans any website you point it at, counts the occurrences of a specific keyword on each page, and exports the results to a CSV file. It helps you understand how often a keyword is used across an entire site.

Q: Why is checking keyword density important for SEO?

A: It's crucial for SEO research. By analyzing a competitor's keyword usage, you can identify content gaps or areas where your own site might be under-optimized, helping you improve your search rankings.

Q: Do I need to know how to code Python to build this tool?

A: No, you don't need any prior coding experience. The build process uses an AI coding assistant called Cursor, which generates Python code from simple, plain-English prompts.

Q: What AI tool is used to create this keyword density checker?

A: The primary AI tool used is Cursor, an AI coding assistant that translates plain-English prompts into working Python code.

Q: How does the tool count keywords across a website?

A: The tool acts as a scanner that crawls the website page by page, counting the occurrences of the specified keyword on each individual page.

Q: Where are the results of the keyword count stored?

A: The results are exported directly to a clean CSV file. This file lists the keywords and the URLs where they were found, making it easy to analyze.

Q: Can I limit the number of pages the tool scans?

A: Yes, the tool includes practical options, such as setting a maximum number of pages to scan, which helps manage the crawling process.

Q: Does the tool match whole words only, or partial words too?

A: The tool has practical options like whole-word matching, allowing you to refine how keywords are counted.

Q: Can I run this tool without installing Python on my computer?

A: Yes, the script is packaged into a standalone .exe file. This means it can be run without requiring a Python installation on the user's machine.

Q: How are the exported files named?

A: Exported files are named dynamically using the website's domain and a timestamp. This helps in easy organization and identification of the data.

Q: Who would benefit from using this keyword density checker?

A: This tool is ideal for SEO professionals, content marketers, or anyone who needs to automate repetitive research tasks and gain insights into competitor website strategies.

Q: Is there a video tutorial available for this build?

A: Yes, a full step-by-step walkthrough of the build process is available via a YouTube video linked in the article.

Q: Can I get a free download of this keyword density checker tool?

A: Yes, a free download of the tool is available directly on the article page.

Q: What are the key takeaways from this AI-assisted coding project?

A: Key takeaways include using AI for coding, understanding web scraping for SEO analysis, building a simple GUI, packaging scripts, and practical applications for SEO research.

Resources & Further Reading

Related guides for these FAQs:

■ Build Your Own Keyword Density Checker (Checklist)

<https://storage.googleapis.com/casey-builds-it-checklists-20260802-95ba76/casey-builds-it/Checklist/build-your-own-keyword-density-checker-checklist.pdf>

■ Build Your Own Keyword Density Checker with Python & AI (Action Sheet)

<https://storage.googleapis.com/casey-builds-it-checklists-20260802-95ba76/casey-builds-it/Action%20Sheet/build-your-own-keyword-density-checker-with-python-ai-no-coding-experience-require-action-sheet.pdf>

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Automate SEO research and build powerful tools with AI, no coding required.