

Build Your Own Keyword Density Checker with Python & AI

Create a Python tool to analyze keyword density on any website using AI, no coding required.

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

Tool Functionality • Scans any website for a specific keyword. • Counts keyword occurrences on a page-by-page basis. • Exports results to a CSV file. • Identifies keyword usage across an entire competitor site.	Why It Matters for SEO • Quickly check competitor keyword strategies. • Identify content gaps and under-optimized pages. • Automate tedious manual research tasks. • Compare your keyword optimization against competitors.
AI-Assisted Build Process • Use AI coding assistants (like Cursor) with plain-English prompts. • Generate core Python logic without writing code. • Build a website scanner and keyword counter. • Export results to a CSV file.	Key Features & Options • Set maximum pages to scan. • Enable whole-word matching. • Dynamically name exported files (domain + timestamp). • Package script into a standalone .exe file.
Target Audience • SEO professionals. • Content marketers. • Anyone automating repetitive research. • Individuals with no prior coding experience.	Core Concepts Covered • AI-powered coding with natural language prompts. • Web scraping for content analysis. • Building a simple GUI for user interaction. • Packaging Python scripts into executables.

Resources & Further Reading

Related guides to pair with this cheat sheet:

■ Build Your Own Keyword Density Checker (Checklist)

<https://storage.googleapis.com/casey-builds-it-checklists-20260726-47cb55/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-20260726-47cb55/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 with AI-assisted Python tools, no coding needed.