

Build Your Own Keyword Density Checker with Python & AI

Create a Python tool to scan websites for keyword frequency without coding.

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 specific keyword occurrences. • Counts keyword frequency on a page-by-page basis. • Exports results to a CSV file. • Supports whole-word matching.	Why It Matters for SEO • Analyze competitor keyword usage. • Identify content gaps and under-optimization. • Automate tedious manual research tasks. • Compare keyword density with competitors.
AI-Assisted Build Process • Uses Cursor AI to generate Python code from prompts. • Builds a website scanner. • Exports results to CSV. • Packages script into a standalone .exe file.	Key Build Steps • Generate core Python logic with AI. • Develop a website crawler. • Export data to CSV. • Add practical options (max pages, whole-word match).
Advanced Features • Create a simple GUI for non-technical users. • Package scripts into executable files (.exe). • Dynamically name exported files (domain + timestamp).	Who This Is For • SEO professionals. • Content marketers. • Anyone automating repetitive research. • Users with no prior coding experience.
Core Concepts Covered • AI-powered coding with plain-English prompts. • Web scraping for content analysis. • Building user-friendly GUIs. • Packaging Python scripts.	

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-20260722-eb4ee4/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-20260722-eb4ee4/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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Leverage AI to build powerful SEO tools without writing code.