

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 keyword occurrences. • Counts keyword frequency page by page. • Exports results to a CSV file.	SEO & Research Benefits • Analyze competitor keyword usage. • Identify content gaps and under-optimization. • Automate tedious manual research tasks.
AI-Assisted Build Process • Use AI (Cursor) to generate Python code from prompts. • No prior coding experience required. • Build a web scanner and keyword counter.	Key Build Steps • Generate core Python logic with AI. • Build website crawler and counter. • Export data to CSV. • Package as a standalone .exe file.
Practical Features • Set maximum pages to scan. • Enable whole-word matching. • Dynamically name exported files (domain + timestamp).	Target Audience • SEO professionals. • Content marketers. • Anyone automating research tasks.
Core Concepts Covered • AI-powered coding with Cursor. • Web scraping fundamentals. • Building a simple GUI. • 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-20260727-d45d2a/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-20260727-d45d2a/casey-builds-it/Action%20Sheet/build-your-own-keyword-density-checker-with-python-ai-no-coding-experience-requi-action-sheet.pdf>

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Leverage AI to build powerful SEO tools without writing code.