

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 keyword occurrences. • Counts keyword frequency per page. • Exports results to a CSV file. • Supports whole-word matching.	Core Build Process • Use AI coding assistant (Cursor) for Python logic. • Develop a web crawler for site scanning. • Implement keyword counting per page. • Export data to CSV.
AI-Assisted Coding • Generate Python code from plain-English prompts. • No prior coding experience needed. • AI turns prompts into functional scripts.	SEO & Research Applications • Analyze competitor keyword usage. • Identify content gaps and optimization opportunities. • Automate tedious manual research tasks. • Compare keyword density with competitors.
Tool Features & Packaging • Set maximum pages to scan. • Package script into a standalone .exe file. • Run tool without Python installation. • Dynamically name exported files (domain + timestamp).	Target Audience • SEO professionals. • Content marketers. • Individuals automating research. • Anyone interested in AI-assisted development.

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-20260725-a3cd59/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-20260725-a3cd59/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.