Build Your Own Keyword Density Checker with Python & AI

Create an AI-powered tool to analyze keyword usage on any website.

Based on Build Your Own Keyword Density Checker With Python Ai No Coding Experience Required by Casey Builds It

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Understand the Tool

- Learn how to scan competitor websites for keyword frequency.
- Discover how the tool exports results to a CSV file.
- Identify content gaps and optimization opportunities.

AI-Assisted Build Process

- Use Cursor AI to generate Python code from prompts.
- Build a website crawler for keyword counting.
- Export keyword counts and page URLs to CSV.

Enhance Functionality

- Implement options for max pages to scan.
- Add whole-word matching for accuracy.
- Dynamically name exported files with domain and timestamp.

Package and Deploy

- Package the Python script into a standalone .exe file.
- Enable easy execution without Python installation.
- Create a simple GUI for non-technical users.

Key Learnings

- Explore AI-powered coding with plain-English prompts.
- Understand web scraping for SEO analysis.
- See practical applications for SEO and competitor research.

Resources & Further Reading

Related guides for this action 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 (Infographic)

https://storage.googleapis.com/casey-builds-it-checklists-20260722-eb4ee4/casey-builds-it/Infographic/build-your-own-keyword-density-checker-with-python-ai-no-coding-experience-requi-infographic.pdf

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