



SLASH

YOUR PERSONAL DEAL FINDER

KPATEL48 | NPATEL37 | ARAMANU3

KAHAAN | NIRMIT | ASHWINI



GROUP 80

INTRODUCTION

In today's fast-paced world, finding the best online deals can be time-consuming and overwhelming. Slash simplifies the process by automatically comparing product prices across multiple e-commerce platforms. Whether you're looking for electronics, clothing, or daily essentials, Slash helps you quickly locate the best offers available. Designed with efficiency in mind, this Python-powered tool delivers accurate, real-time results directly to your inbox, ensuring you save both time and money with every search. Slash makes smart shopping easy for everyone!

VALIDATION SUITE

The validation suite ensures that sortList correctly orders lists by price or rating and checks if formatResults structures data like title, price, and ratings properly. It confirms formatSearchQuery replaces spaces with "+", tests title truncation, URL shortening, and response status validation, and verifies email notifications and web scraping for finding the best deals. This setup effectively covers web scraping, data formatting, and email notifications.

FEATURES

LIGHTNING-FAST COMPARISONS

Find the best deals across multiple platforms in seconds, saving you time and money with just a few clicks!

ALWAYS UP-TO-DATE

Real-time price updates so you never miss a deal, stay ahead of sales and promotions effortlessly.

POWER OF CHOICE

Tailor results with advanced filters for a personalized shopping experience, ensuring you find exactly what you're looking for.

EFFORTLESS SHOPPING

Simple commands for easy product searches and price filtering, making shopping a breeze for everyone, even first-time users.

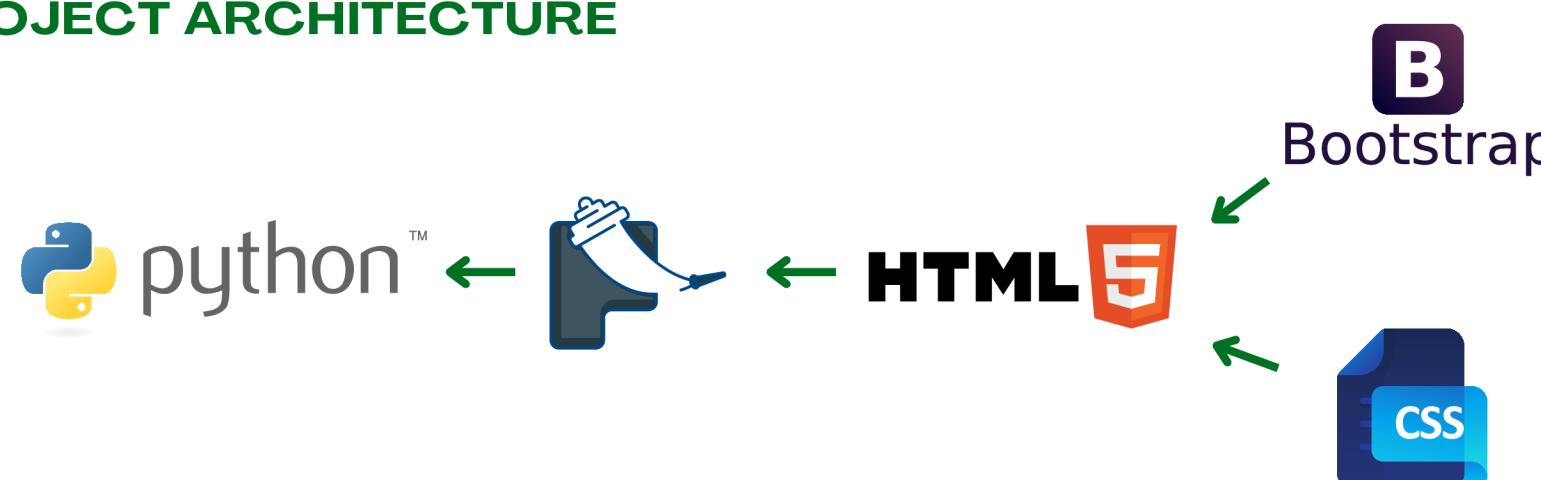
CUSTOM ALERTS

Get the hottest deals sent straight to your inbox, never miss out on a price drop or limited-time offer.

FULLY OPEN-SOURCE

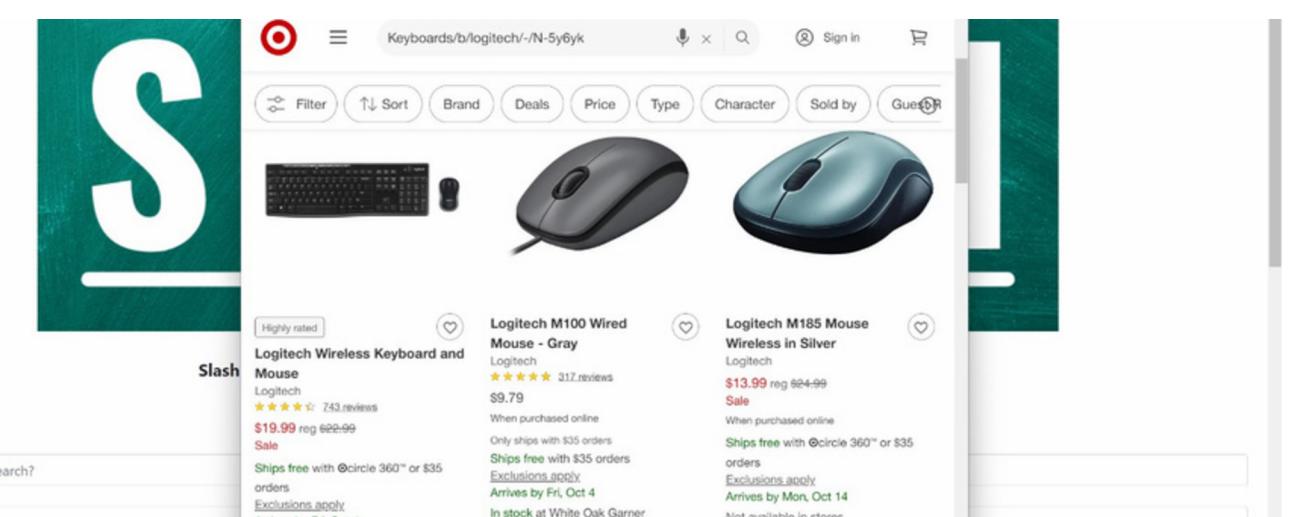
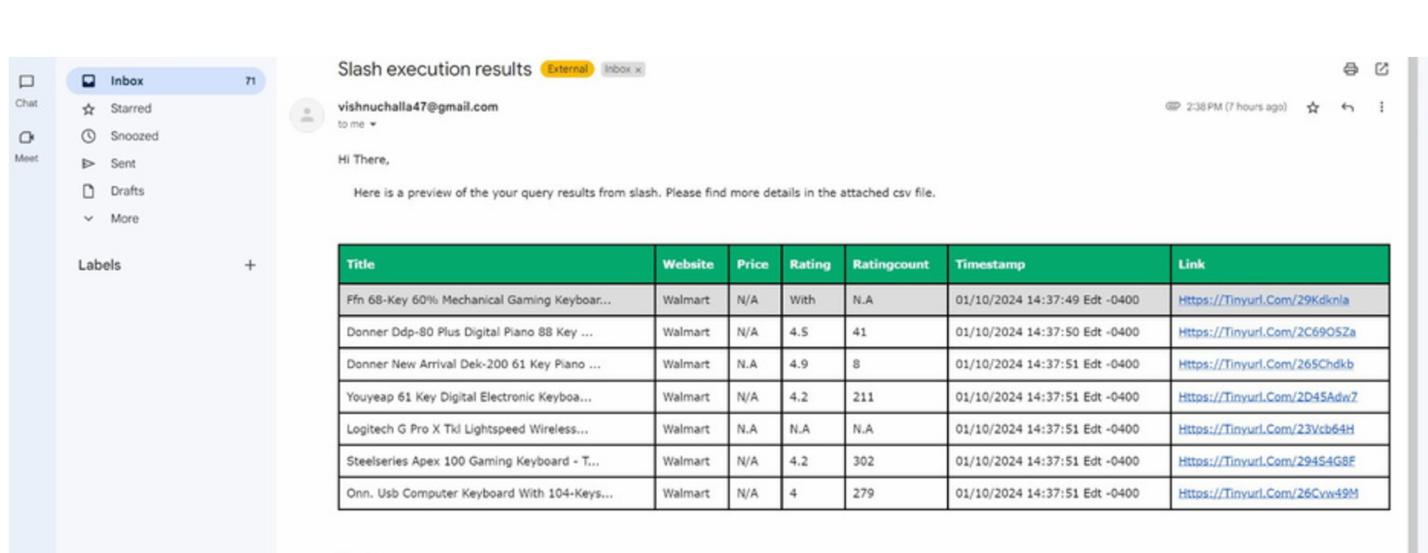
Customize, extend, and improve with full transparency, empowering the community to build and share new features freely.

PROJECT ARCHITECTURE



SEARCH RESULTS

#	Timestamp	Item	Price	Site	Rating	Rating counts	Link
1	01/10/2024 14:57:26 EDT -0400	Logitech MX Keys S Wireless Keyboard, Lo...	\$89.95	walmart	4.7	65	https://tinyurl.com/2bdq5
2	01/10/2024 14:57:25 EDT -0400	JLab GO Wireless Keyboard and Mouse Bund...	\$29.99	target	4.49	39	https://tinyurl.com/28dmr
3	01/10/2024 14:57:32 EDT -0400	Shop on eBay	\$20.00	eBay	N.A.	N.A.	https://tinyurl.com/28tla5
4	01/10/2024 14:57:26 EDT -0400	Logitech MX Master 3S, Wireless Performa...	\$82.43	walmart	4.7	179	https://tinyurl.com/27flh3
5	01/10/2024 14:57:32 EDT -0400	Logitech Wireless Keyboard and Mouse	\$19.99	target	4.18	743	https://tinyurl.com/24wpg
6	01/10/2024 14:57:32 EDT -0400	61 Key Electronic Keyboards Piano Portab...	\$79.99	eBay	N.A.	N.A.	https://tinyurl.com/284zta
7	01/10/2024 14:57:27 EDT -0400	Donner DDP-80 PLUS Digital Piano 88 Key ...	N/A	walmart	4.5	41	https://tinyurl.com/28nle6
8	01/10/2024 14:57:25 EDT -0400	Logitech MK470 Keyboard - Pink	\$39.99	target	3.85	44	https://tinyurl.com/24wpg
9	01/10/2024 14:57:32 EDT -0400	61Key Digital Music Piano Keyboard Elect...	\$23.90	eBay	N.A.	N.A.	https://tinyurl.com/2cqj6d



CHANGES AND IMPROVEMENTS

COLLABORATIVE WISH LISTS

Add a feature that allows users to create and share wish lists with others, enabling group purchasing decisions or gift planning. Users can collaborate on which deals are the best and track them collectively.

RECOMMENDATIONS

Integrate an AI-based recommendation system that suggests similar products or better deals based on user searches and preferences, enhancing personalization and helping users discover alternatives they might not have considered.

PRICE HISTORY TRACKING

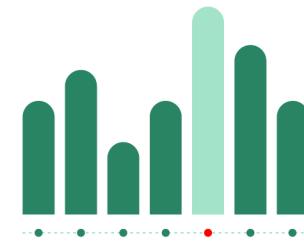
Implement a feature to track price fluctuations over time for better deal analysis.

CUSTOMIZED NOTIFICATIONS

Allow users to set preferences for deal alerts and receive notifications for specific product categories or price drops.

ADVANCED SEARCH FILTERS

Introduce more refined search filters, such as by brand, rating, or shipping speed, to help users narrow down their product comparisons more effectively.



DEMO
LINK



GITHUB
REPO LINK

