

**A
User Guide
ON**

API Hub Portal

(Version-1.0)

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Introduction

1.1 Project Profile:

- This portal is based on the Central hub, where users can experience seamless integration and collaboration
- API hub portal is our platform designed to empower developers, businesses, and partners by providing a unified space to discover, explore, and leverage a diverse range of APIs. With an intuitive interface and robust functionality, our API hub simplifies the integration process, fostering innovation and efficiency. Whether you are a seasoned developer seeking powerful tools or a business looking to enhance your services, our API hub is the solution for you.
- The platform also includes miscellaneous automated and centralized activities, such as changing cookies, tracking Company Feed, monitoring APIs, monitoring Git commit history, reporting Proxy usage, and LLM.

1.2 Core Components:

- The project is developed using mentioned technologies
 - Backend – Python (V: 3.9)
 - Frontend – Bootstrap5 (Framework for HTML, CSS, JavaScript)
 - Framework – Django (V: 4.1.12)
 - Database –
 - MySQL
 - MongoDB
 - Deployment – Nginx
 - OS – Linux Ubuntu

Development

2.1. Working Model and Working Project Screenshots

- **Feed Count**
 - The Feed Count will display the Total feed along with Company projects, and display the list of feed available project-wise
 - Where the user needs to update the feed details to fetch the count & will show the live counts from a database of the respective feed

- **Set Feed Permission**

- This option is not available for all users, the admin can select the feed permission for any user and which feed should displayed for which user
- Admin can change/update/add/delete Feed Permission

- **Change Cookie**

- Sometimes BAU requires changing cookies manually in a notepad file, python file, or in the Database
- To make the same User Friendly, we created the model “Change Cookie” where BAU can change the cookie through the dashboard (Project)

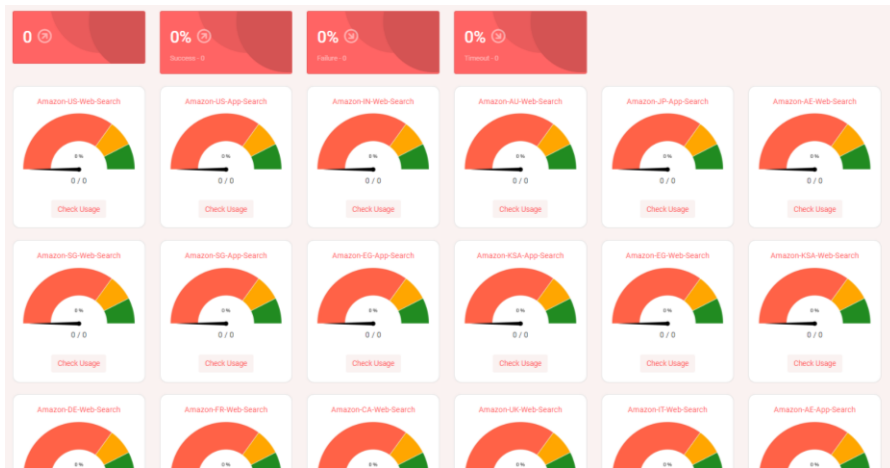
Change cookie here

Search...

No	Endpoint	Current Cookie	Change Cookie
1	shopee_id	<div>...LOCAL_...id=...certToken=...50xWqAox4Eihm8akBFwoSPod;...gpl_sar=1.1.1945618737.1707819478;SPC_Si=qjBZGAAAABIM5c1UVRINX0DgGAAAAAUGRZTIV5Qq=; SPC_SEC_Si=v1-</div>	<div>Change</div>
2	shopee_my	<div>12346</div>	<div>Change</div>
3	shopee_ph	<div>sample_cookie</div>	<div>Change</div>
4	shopee_sg	<div>sample_cookie</div>	<div>Change</div>
5	shopee_th	<div>sample_cookie</div>	<div>Change</div>
6	shopee_vn	<div>sample_cookie</div>	<div>Change</div>

- **API dashboard**

- This is an API dashboard where most APIs are integrated, so the user can manage APIs, check the log, and & manage the API key as well



List of available APIs

Show 10 entries

Search:

#	API Name	Website	Region	Description	Category	Is Active	Actions
1	Amazon-US-Web-Search	Amazon	US	The API Scrape the data from Amazon United State E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
2	Amazon-US-App-Search	Amazon	US	The API Scrape the data from Amazon United State E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
3	Amazon-IN-Web-Search	Amazon	IN	The API Scrape the data from Amazon India E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
4	Amazon-AU-Web-Search	Amazon	AU	The API Scrape the data from Amazon United State E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
5	Amazon-JP-App-Search	Amazon	JP	The API Scrape the data from Amazon United State E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
6	Amazon-AE-Web-Search	Amazon	AE	The API Scrape the data from Amazon AE E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
7	Amazon-SG-Web-Search	Amazon	SG	The API Scrape the data from Amazon SG E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
8	Amazon-SG-App-Search	Amazon	SG	The API Scrape the data from Amazon SG E-commerce Platforms for WEB	Ecommerce	Active	View Edit Delete Refresh
9	Amazon-EG-App-Search	Amazon	EG	The API Scrape the data from Amazon EG E-commerce Platforms for API	Ecommerce	Active	View Edit Delete Refresh
10	Amazon-KSA-App-Search	Amazon	KSA	The API Scrape the data from Amazon KSA E-commerce Platforms for API	Ecommerce	Active	View Edit Delete Refresh

Records - Amazon-US-Web-Search

Total: 666, Success: 632, Failure: 34, Success Percentage: 94.89%

Select API: Amazon-US-Web-Search, Start Date: 06/01/2024, End Date: 07/10/2024, Download: CSV, Excel, PDF, Action: Summe

Show 10 entries

Search:

status_code	request_received_time	process_time	request_url	response	request_ip	api_key	endpoint	id_field
200	2024-06-01 00:30:04	3.395989179611206	https://ecommerce.xbyte.io/S...	View Response	103.240.32.158	test_key	amazon_us_web_search	665e68f59c6
200	2024-06-01 01:30:04	6.14866620254517	https://ecommerce.xbyte.io/S...	View Response	103.240.32.158	test_key	amazon_us_web_search	665a79a233cc
200	2024-06-01 02:30:04	5.959179639816284	https://ecommerce.xbyte.io/S...	View Response	103.240.32.158	test_key	amazon_us_web_search	665a87b103d9
200	2024-06-01 03:30:04	5.1914684772491455	https://ecommerce.xbyte.io/S...	View Response	103.240.32.158	test_key	amazon_us_web_search	665a95c103d9
200	2024-06-01 04:30:04	6.678273439407349	https://ecommerce.xbyte.io/S...	View Response	103.240.32.158	test_key	amazon_us_web_search	665aa3d3f9b0
200	2024-06-01 05:30:03	2.6688830852508545	https://ecommerce.xbyte.io/S...	View Response	103.240.32.158	test_key	amazon_us_web_search	665ab1de6558
200	2024-06-01 06:30:04	4.734989404678345	https://ecommerce.xbyte.io/S...	View Response	103.240.32.158	test_key	amazon_us_web_search	665abf06c6e7

- Analytics

- This page is dedicated to Analytics of the data which is scraped & stored in DB

Title score

CSV Excel PDF

Last Week

Title

mm/dd/yyyy

mm/dd/yyyy

Fetch

Show

All

entries

Search:

URL	Itemid	shopid	PSKU	07/03/2024	07/04/2024	07/05/2024	07/06/2024	07/07/2024	07/08/2024	07/09/2024	Average
https://item.rakuten.co.jp/kurashikenkou/7134740	7134740	235962	YES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
https://item.rakuten.co.jp/kurashikenkou/7174020	7174020	-	YES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
https://item.rakuten.co.jp/kurashikenkou/7174545	7174545	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7175760	7175760	235962	YES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
https://item.rakuten.co.jp/kurashikenkou/7196124	7196124	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7254883	7254883	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7254886	7254886	-	YES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
https://item.rakuten.co.jp/kurashikenkou/7260598	7260598	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7260629	7260629	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7260653	7260653	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7263145	7263145	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7263157	7263157	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/kurashikenkou/7263177	7263177	235962	YES	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
https://item.rakuten.co.jp/mamababy/7252902	7252902	-	YES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
https://item.rakuten.co.jp/mamababy/7252904	7252904	-	YES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
https://item.rakuten.co.jp/mamababy/7252916	7252916	-	YES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Showing 1 to 189 of 189 entries

Previous Next

- NLP Analytics

- These Analytics are based on NLP (Natural language processing) which compares two columns (Product title) & gives the output based on the Fuzzy Algorithm & Jaccard Algorithm.

Match Strings

Home / NLP

Dataset: Ecommerce_dataset

action: Filter

Download: CSV Excel PDF

Upload Dataset: Upload

Show 250 entries

Search:

No	String 1	String 2	Fuzzy Algorithm	Jaccard Algorithm
82	Garnier Bright Complete Anti-Acne facial cleansing foam for acne-prone skin, 100 ml, 2 pieces. For oily skin GARNIER ANTI-ACNE FOAM 100ML 2 Pcs (foam for acne-prone skin/Garnier foam/cleansing)	skin/Garnier foam/cleansing) For for facial Garnier cleansing ml, Bright skin (foam Anti-Acne GARNIER FOAM Complete pieces. acne-prone 2 100 100ML for oily 2 Pcs ANTI-ACNE acne-prone skin, foam	14.51	100
5	Dove Cream Beauty Bathing Bar 8x125g (Pack of 8)	Apple iPhone 15 Pro Max (256 GB) - Black Titanium	20.62	0.0
81	[Only 644 - left with code 'GARN12D05'] Set of Garnier Bright Complete Booster Serum 30 ml + Day 50 ml + Night Cream 50 ml. Garnier Bright Complete Serum set. Serum for clear face., Vitamin C serum, face cream, moisturizer	50 Serum Night Set Booster ml. Day cream, ml. Complete with clear left Garnier, Bright 'GARN12D05' face. 644 - serum, Vitamin 30 for set. ml. Garnier face Serum C moisturizer Bright of code 50 + + Cream Serum [Only Complete	20.89	100
76	De Paris fabric softener, De Paris refill bag, 540 ml, 2 pieces	540 De refill ml., pieces De Paris 2 bag, softener, Paris fabric	23.44	100
55	[Pair] Olay Total Effects 7 in 1 Day + Night Cream Serum and anti-wrinkle cream.	anti-wrinkle + cream. in Effects and Day Cream Olay [Pair] Night 1 7 Serum Total	23.75	100
94	Fineline Laundry Detergent Plus Sunny Gold 700 ml. Gold Color	Gold Color Plus Sunny Detergent ml. 700 Gold Fineline Laundry	26.23	100
30	[Value Pack] Pantene Pantene Hair Care Shampoo 380 ml. + Concentrated Collagen Hair Conditioner 270 ml.	Hair + 270 Hair Care ml. [Value ml. Pack] 380 Shampoo Collagen Concentrated Conditioner Pantene Pantene	27.18	100
63	[Buy 2 Get 1 Free] Downy Downy Liquid Detergent, laundry detergent Indoor Dry Formula 550 ml x3 packs Laundry Detergent Indoor Dry	Indoor Downy [Buy 1 ml Get Detergent, detergent Formula packs 550 2 x3 Laundry Downy laundry Dry Indoor Liquid Detergent Free] Dry	29.23	100

• Git Commit History

- This tab fetches all commit history among the Gitlab server & displays the data

Git Commit History [Home](#) / [Commit History](#)

List of Projects

Download: [CSV](#) [Excel](#) [PDF](#)

Show [all](#) entries

Search:

No	project_id	project_name	namespace_id	namespace_name	commit_message	committer_name	committer_email	committed_date	Developer Name	PC	PM	Lead
1	4729	2767_Data Extraction Product Availability From 5 Platforms	1217	Xbyte Production	Auto commit 03-07-2024	Pruthvi Patel	pruthvi.patel@xbyte.io	2024-07-03T17:49:32.000+05:30	Pruthvi Patel , Ravi Mongara	Achshaj Saji	Pruthak Acharya , Ronak Agrawal	Kinjal Patel
2	4728	2772_Rutherford County Case Records Daily	1217	Xbyte Production	Auto commit 29-Jun-24	somya.singh@xbyte.io	somya.singh@xbyte.io	2024-06-29T16:46:01.000+05:30	Somya Singh	Priyanka Solanki	Nikhil Trivedi	
3	4695	2731_POI Data Extraction New Scope Wemaps	1217	Xbyte Production	Auto commit Mon 06/17/2024	Drashti	drashti.suthar@xbyte.io	2024-06-17T19:09:22.000+05:30	Kinjal Patel		Ronak Agrawal	Kinjal Patel
4	4695	2731_POI Data Extraction New Scope Wemaps	1217	Xbyte Production	Auto commit Fri 06/14/2024	Drashti	drashti.suthar@xbyte.io	2024-06-14T11:09:31.000+05:30	Kinjal Patel		Ronak Agrawal	Kinjal Patel
5	4695	2731_POI Data Extraction New Scope Wemaps	1217	Xbyte Production	Auto commit Mon 06/17/2024	Drashti	drashti.suthar@xbyte.io	2024-06-17T19:13:19.000+05:30	Kinjal Patel		Ronak Agrawal	Kinjal Patel
6	4695	2731_POI Data Extraction New Scope Wemaps	1217	Xbyte Production	Auto commit Fri 06/14/2024	Drashti	drashti.suthar@xbyte.io	2024-06-14T11:16:20.000+05:30	Kinjal Patel		Ronak Agrawal	Kinjal Patel
7	4695	2731_POI Data	1217	Xbyte Production	Auto commit Fri	Drashti	drashti.suthar@xbyte.io	2024-06-	Kinjal Patel		Ronak	Kinjal Patel

• Check Proxy Status

- With the help of this tab, the user can check any Proxy status of the listed proxies

Check Proxy Status [Home](#) / [Proxy Status](#)

Select Proxy
Scrape API

Select Country
United States

Proxy Key
*****c409a995

URLs
<https://quotes.toscrape.com/>

Action: [Test](#)

Response

```

{
  "response": "<DOCTYPE html><html lang='en'><head><meta charset='UTF-8'><title>Quotes to S",
  "status_code": 200
}

```


- **DB Import / Export**

- This tab will help you to Export / Import the file with Database

The screenshot shows the 'Export Data' tab with a breadcrumb 'Home'. Below the header, there's a section titled 'Export data from Database'. It contains a 'Select Database' dropdown menu with 'MongoDB' selected. Below this are three text input fields labeled 'MongoDB Connection String', 'MongoDB Database Name', and 'MongoDB Table Name'. At the bottom of this section is a red 'Download' button.

The screenshot shows the 'Import Data' tab with a breadcrumb 'Home'. Below the header, there's a section titled 'Import data in Database'. It features a 'File To Upload' section with a 'Choose File' button and the text 'No file chosen'. To the right is a 'Select Database' dropdown menu with 'MongoDB' selected. Below these are three text input fields labeled 'MongoDB Connection String', 'MongoDB Database Name', and 'MongoDB Table Name'. At the bottom of this section is a red 'Upload' button.

- **AI**

- With the help of the AI you can ask the question AI with your selected files like Chat-GPT (4o Model)

The screenshot displays a web application interface for AI-powered file extraction and question-asking. The top section, titled 'Extraction using X-AI (With OpenAI & LLM)', includes a 'Home' link and a list of accepted file formats: pdf, jpg, png, jpeg, html, txt, json. Below this, a 'Sample files' section contains a 'Choose Files' button and a text input field showing 'No file chosen'. An 'Upload' button is positioned below the input field. The 'Uploaded files are:' section lists a file: '/media/pdf_files/heb_incorrect_responses.png'. The bottom section, titled 'Q&A', features a 'Sample Questions' section with a 'Question' input field containing the placeholder text 'Ask a question' and a 'Send' button.

Conclusion

- In this project, we successfully developed the API hub portal with Python, aiming to streamline and centralize the challenges within our organization. The project objectives were to create a robust and efficient dashboard that would handle various tasks.