This document assists in running custom search API.

Useful Resources.
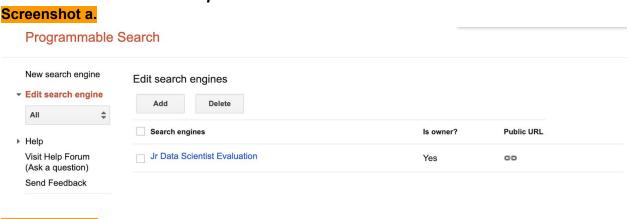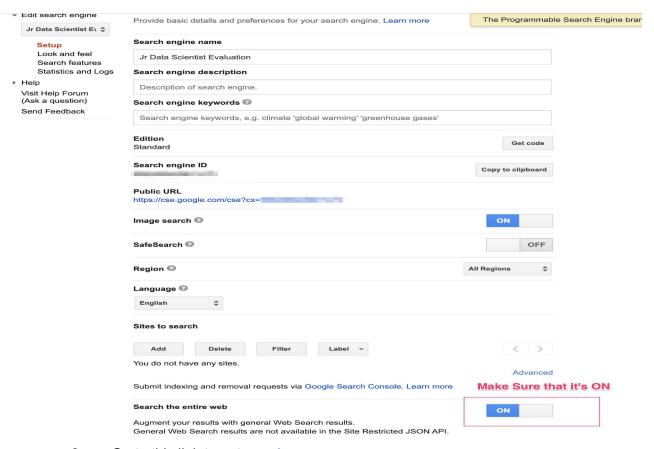[Link to API Testing Tool](#)

There are three steps in total.
1. Create a custom search engine and get your cx id.
2. Get your API keys
3. Test it for a sample query.

Steps to follow - in order to get search results from custom search engine:

1. **Follow this [link](#) and create a custom search engine. And enable -** *Search Entire Web Option*

Screenshot a.

Screenshot b.

Jr Data Scientist E⟨ ⇕

Setup
Look and feel
Search features
Statistics and Logs

▸ Help
Visit Help Forum
(Ask a question)
Send Feedback

Provide basic details and preferences for your search engine. Learn more

The Programmable Search Engine bran

Search engine name

Jr Data Scientist Evaluation

Search engine description

Description of search engine.

Search engine keywords ⍰

Search engine keywords, e.g. climate 'global warming' 'greenhouse gases'

Edition
Standard

Get code

Search engine ID

Copy to clipboard

Public URL
https://cse.google.com/cse?cx=

Image search ⍰   ON

SafeSearch ⍰   OFF

Region ⍰   All Regions ⇕

Language ⍰

English ⇕

Sites to search

Add   Delete   Filter   Label ▾   <   >

You do not have any sites.

Advanced

Submit indexing and removal requests via Google Search Console. Learn more

Make Sure that it's ON

Search the entire web   ON

Augment your results with general Web Search results.
General Web Search results are not available in the Site Restricted JSON API.

2.   a. Go to this link to get your key.

Custom Search JSON API: Introduction

This document will help you to get familiar with Custom Search JSON API and its usage.

Before you start

Create Programmable Search Engine

By calling the API user issues requests against an existing instance of Programmable Search Engine. Therefore, before using the API, you need to create one in the Control Panel. Follow the tutorial to learn more about different configuration options. Once it is created, you can find the engine's ID in the **Setup** > **Basics** > **Search Engine ID** section of the Control Panel. This is the `cx` parameter used by the API.

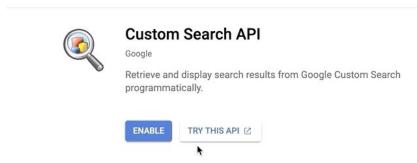### Identify your application to Google with API key

Custom Search JSON API requires the use of an API key. An API key is a way to identify your client to Google.

- Programmable Search Engine (free edition) users: **Get a Key**

After you have an API key, your application can append the query parameter `key=yourAPIKey` to all request URLs. The API key is safe for embedding in URLs, it doesn't need any encoding.

b.Then, go to this link, select or create any project (label it anything that you like), and enable the API

Custom Search API

Google

Retrieve and display search results from Google Custom Search programmatically.

ENABLE   TRY THIS API ↗

3. You can test the API with a sample call via this link. Fill in your cx number and exact term and run it - to get exact response - you can see a JSON response with properties like title, htmlTitle, link, displayLink and so on - this is what you'd use to prepare your dataset. You can wrap this into any python script and run it for all 50 keywords.

string

cx

IMPORTANT_MY_CX_NUMBER_FILL_THIS

dateRestrict

string

exactTerms

Yoga

excludeTerms

string

fileType

string

filter

string

gl

string

googlehost

string

highRange

'https://customsearch.googleapis.com/customsearch/v1?cx=IMPORTANT_MY_CX_NUMBER_FILL_THIS&e
--header 'Accept: application/json' \
--compressed

application/json   Raw HTTP Response   ✕

200

"context": {
    "title": "PD"
},
"searchInformation": {
    "searchTime": 0.539557,
    "formattedSearchTime": "0.54",
    "totalResults": "1320000000",
    "formattedTotalResults": "1,320,000,000"
},
"items": [
    {