

A swagger API

Overview

powered by Flasgger

Version information

Version : 0.0.1

License information

Terms of service : /tos

Paths

Welcome message for the Oncolens Subreddit Stats API.

GET /

Responses

HTTP Code	Description	Schema
200	Returns a welcome message	No Content

Retrieve subreddit statistics for a given time range.

POST /interest

Parameters

Type	Name	Schema
Body	body <i>required</i>	body

body

Name	Description	Schema
end_time <i>optional</i>	End of the time range (ISO8601 UTC). Defaults to now. Example : "2025-08-31T12:59:59Z"	string (date-time)
start_time <i>optional</i>	Start of the time range (ISO8601 UTC). Defaults to the top of the current hour. Example : "2025-08-31T00:00:00Z"	string (date-time)
sub <i>optional</i>	The subreddit name (without "r/"). Example : "LivingWithMBC"	string

Responses

HTTP Code	Description	Schema
200	List of subreddit statistics within the given range.	No Content
400	Missing or invalid input.	No Content

Tags

- Subreddit Stats

Get comments for a specific post.

```
GET /post/{post_name}/comments
```

Parameters

Type	Name	Description	Schema
Path	post_name <i>required</i>	Post identifier (e.g. t3_1mcow7t)	string

Responses

HTTP Code	Description	Schema
200	List of comments for the post	< Response 200 > array

Response 200

Name	Description	Schema
comment <i>optional</i>	Example : "t1_n71lr7s"	string

Name	Description	Schema
score <i>optional</i>	Example : 12	integer
sentiment <i>optional</i>	Example : 0.85	number

Tags

- Post Drilldown

Retrieve daily subreddit comment sentiments from marts for a given date range.

GET /sentiment/comments

Parameters

Type	Name	Description	Schema
Query	end_date <i>optional</i>	End date (YYYY-MM-DD). Defaults to today.	string (date)
Query	start_date <i>optional</i>	Start date (YYYY-MM-DD). Defaults to 7 days ago.	string (date)
Query	subreddit <i>required</i>	Subreddit name (e.g. r/cancer)	string

Responses

HTTP Code	Description	Schema
200	Daily subreddit metrics (comments & comment sentiment)	No Content

Tags

- Subreddit Analytics (Marts)

Retrieve daily subreddit metrics from marts (posts & post sentiment) for a given date range.

GET /sentiment/posts

Parameters

Type	Name	Description	Schema
Query	end_date <i>optional</i>	End date (YYYY-MM-DD). Defaults to today.	string (date)
Query	start_date <i>optional</i>	Start date (YYYY-MM-DD). Defaults to 7 days ago.	string (date)
Query	subreddit <i>required</i>	Subreddit name (e.g. r/cancer)	string
Query	subreddit_id <i>optional</i>	Subreddit ID (e.g. t5_2qh0y). Optional if subreddit_id supplied.	string

Responses

HTTP Code	Description	Schema
200	Daily subreddit metrics (posts & post sentiment)	No Content

Tags

- Subreddit Analytics (Marts)

Retrieve daily subreddit tag sentiments from marts for a given date range.

```
GET /sentiment/tags
```

Parameters

Type	Name	Description	Schema
Query	end_date <i>optional</i>	End date (YYYY-MM-DD). Defaults to today.	string (date)
Query	start_date <i>optional</i>	Start date (YYYY-MM-DD). Defaults to 7 days ago.	string (date)

Responses

HTTP Code	Description	Schema
200	Daily subreddit metrics (tags & tag sentiment)	No Content

Tags

- Subreddit Analytics (Marts)

Get daily activity for a subreddit (posts & comments).

GET /subreddit_activity

Parameters

Type	Name	Description	Schema
Query	end_date <i>required</i>	End date (YYYY-MM-DD)	string (date)
Query	start_date <i>required</i>	Start date (YYYY-MM-DD)	string (date)
Query	subreddit <i>required</i>	Subreddit name (e.g. r/AskPH)	string

Responses

HTTP Code	Description	Schema
200	Daily post and comment counts	< Response 200 > array

Response 200

Name	Description	Schema
comments <i>optional</i>	Example : 130	integer
date <i>optional</i>	Example : "Tue, 05 Aug 2025 00:00:00 GMT"	string
posts <i>optional</i>	Example : 25	integer
subreddit <i>optional</i>	Example : "r/AskPH"	string

Tags

- Subreddit Analytics

Get top authors by post score.

GET /top_authors

Parameters

Type	Name	Description	Schema	Default
Query	limit <i>optional</i>	Number of authors to return	integer	10
Query	subreddit <i>optional</i>	Filter by subreddit (e.g. r/OffMyChestPH)	string	

Responses

HTTP Code	Description	Schema
200	Top authors sorted by score	< Response 200 > array

Response 200

Name	Description	Schema
author <i>optional</i>	Example : "tagalog100"	string
post_count <i>optional</i>	Example : 42	integer
total_score <i>optional</i>	Example : 1250	integer

Tags

- Author Analytics