

Leen Samman


Note: First 3 tasks are in the first 2 screen shots

1. Modify the query to analyze data for the last month instead of the last two weeks.
2. Change the query to include search term ranked in the top 3 instead of just rank 1.
3. Modify the query to filter search terms specific to the UK region (if regional data is available).

```
1  -- This query shows a list of the daily top Google Search terms.
2  SELECT
3      refresh_date AS Day,
4      term AS Top_Term,
5      country_name AS Country,
6
7      | -- These search terms are in the top 25 in the US each day.
8      rank,
9  FROM `bigquery-public-data.google_trends.international_top_terms`
10 WHERE
11     rank <=3
12     | -- Choose only the top term each day.
13     AND refresh_date >= DATE_SUB(CURRENT_DATE(), INTERVAL 4 WEEK)
14     | -- Filter to the last 2 weeks.
15     AND country_name='UK region'
16
17 GROUP BY Day, Top_Term, rank ,Country
18 ORDER BY Day DESC
19 | -- Show the days in reverse chronological order.
20
```

Query results

JOB INFORMATION **RESULTS** CHART JSON EXECUTION DETAILS EXECUTION GRAPH

 There is no data to display.

```

1  -- This query shows a list of the daily top Google Search terms.
2  SELECT
3      refresh_date AS Day,
4      term AS Top_Term,
5      country_name AS Country,
6
7      | -- These search terms are in the top 25 in the US each day.
8      rank,
9  FROM `bigquery-public-data.google_trends.international_top_terms`
10 WHERE
11     rank <=3
12     | -- Choose only the top term each day.
13     AND refresh_date >= DATE_SUB(CURRENT_DATE(), INTERVAL 4 WEEK)
14     | -- Filter to the last 2 weeks.
15     AND country_name='UK'
16
17 GROUP BY Day, Top_Term, rank ,Country
18 ORDER BY Day DESC
19     | -- Show the days in reverse chronological order.
20

```

Query results

JOB INFORMATION

RESULTS

CHART

JSON

EXECUTION DETAILS

EXECUTION GRAPH



There is no data to display.

Additional Step to ensure the code correct if there is another region specified.

I tried UK , UK region , The United Kingdom and none return any data.

Untitled query

RUN

SAVE

DOWNLOAD

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SCHEDULE

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MORE

```
1  -- This query shows a list of the daily top Google Search terms.
2  SELECT
3      refresh_date AS Day,
4      term AS Top_Term,
5      country_name AS country,
6      | -- These search terms are in the top 25 in the US each day.
7      rank,
8  FROM `bigquery-public-data.google_trends.international_top_terms`
9  WHERE
10     rank <=3
11     | -- Choose only the top term each day.
12     AND refresh_date >= DATE_SUB(CURRENT_DATE(), INTERVAL 4 WEEK)
13     AND country_name='Egypt'
14
15 GROUP BY Day, Top_Term, rank ,country
16 ORDER BY Day DESC
17 | -- Show the days in reverse chronological order.
18
```

Query results

SAVE RESULTS

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	Day	Top_Term		country	rank	
1	2024-12-09	ارسنال		Egypt	2	
2	2024-12-09	علم سوريا		Egypt	3	
3	2024-12-09	بشار الأسد		Egypt	1	
4	2024-12-08	سوريا		Egypt	3	
5	2024-12-08	الاغلي		Egypt	2	
6	2024-12-08	إنيما ضد الزمالك		Egypt	1	
7	2024-12-07	أورلاندو بليرس ضد الاغلي		Egypt	1	
8	2024-12-07	دوري أبطال افريقيا		Egypt	3	

Press

5. Add Weekly Aggregation

Task:

- Modify the query to group terms by the week they appeared as top terms.

```
1 -- This query shows a list of the daily top Google Search terms.
2 SELECT
3   refresh_date AS Day,
4   term AS Top_Term,
5   country_name AS country,
6   week AS W,
7   | -- These search terms are in the top 25 in the US each day.
8   rank,
9 FROM `bigquery-public-data.google_trends.international_top_terms`
10 WHERE
11   rank <=3
12   | -- Choose only the top term each day.
13   AND refresh_date >= DATE_SUB(CURRENT_DATE(), INTERVAL 4 WEEK)
14   AND country_name='Egypt'
15
16 GROUP BY Day, Top_Term, rank ,country, week
17 ORDER BY Day DESC
18   -- Show the days in reverse chronological order.
19
```

Query results

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH	
Row	Day	Top_Term		country	W	rank	
1	2024-12-09	ارسنل		Egypt	2020-09-27	2	
2	2024-12-09	ارسنل		Egypt	2021-03-14	2	
3	2024-12-09	ارسنل		Egypt	2021-09-19	2	
4	2024-12-09	ارسنل		Egypt	2024-02-04	2	
5	2024-12-09	ارسنل		Egypt	2024-12-01	2	
6	2024-12-09	ارسنل		Egypt	2022-01-30	2	
7	2024-12-09	ارسنل		Egypt	2023-07-23	2	
8	2024-12-09	ارسنل		Egypt	2023-04-16	2	
9	2024-12-09	ارسنل		Egypt	2023-06-25	2	