

CLOUD COMPUTING QUIZ

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TASKS 1& 2

CODE:

Untitled query

RUN

SAVE

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This query will process 1.18 GB when run.

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

Press Alt+F1 for accessibility options.

RESULT:

Untitled query

RUN

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This query will process 1.18 GB when run.

```
1 -- This query shows a list of the daily top Google Search terms.
2 -- TASKS 1 & 2
3
```

Press Alt+F1 for accessibility options.

Query results

SAVE RESULTS

EXPLORE DATA

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	Day	Top_Term	rank			
1	2024-12-21	Winter solstice 2024	3			
2	2024-12-21	Penn State Football	2			
3	2024-12-21	Notre Dame football	1			
4	2024-12-20	Broncos vs Chargers	1			
5	2024-12-20	Superman	3			
6	2024-12-20	Amazon strike	2			
7	2024-12-19	Stock market today	2			
8	2024-12-19	Bird flu	3			
9	2024-12-19	Real Madrid	1			

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TASK 3:

CODE:

Untitled query

RUN

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This query will process 4.72 GB when ...

```
1 -- This query shows a list of the daily top Google Search terms.
2 -- TASKS 3
3 SELECT
4     refresh_date AS Day,
5     term AS Top_Term,
6     country_name AS region,
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_rising_terms`
10 WHERE
11     rank <= 3
12     -- Choose only the top term each day.
13     AND refresh_date >= DATE_SUB(CURRENT_DATE(), INTERVAL 1 MONTH)
14     -- Filter to the last 2 weeks.
15     AND country_name='United Kingdom'
16 GROUP BY Day, Top_Term, region, rank
17 ORDER BY Day DESC
18 -- Show the days in reverse chronological order.
19
20
21
```

RESULT:

Untitled query

RUN

SAVE

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SCHEDULE

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This query will process 4.72 GB when ...

1 -- This query shows a list of the daily top Google Search terms.

2 -- TASKS 3

3 SELECT

Query results

SAVE RESULTS

EXPLORE DATA

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	Day	Top_Term	region	rank		
1	2024-12-09	michail antonio	United Kingdom	1		
2	2024-12-09	man united vs nottm forest	United Kingdom	2		
3	2024-12-09	tottenham vs chelsea	United Kingdom	3		
4	2024-12-08	wind warning	United Kingdom	1		
5	2024-12-08	crystal palace vs man city	United Kingdom	3		
6	2024-12-08	michail antonio	United Kingdom	2		
7	2024-12-07	storm darragh	United Kingdom	2		
8	2024-12-07	giant kelp forests of the great s...	United Kingdom	1		

Load more

TASK 5:

CODE:

Untitled query

RUN

SAVE

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This query will process 1.18 GB when ...

```
1  -- This query shows a list of the daily top Google Search terms.
2
3  SELECT
4    refresh_date AS Day,
5    term AS Top_Term,
6    FORMAT_TIMESTAMP("%Y-%U", refresh_date) AS Week,
7    ARRAY_AGG(term ORDER BY rank ASC) AS Top_Terms
8    | -- These search terms are in the top 25 in the US each day.
9
10 FROM `bigquery-public-data.google-trends.top_terms`
11 WHERE
12   rank <= 3
13   | -- Choose only the top term each day.
14   AND refresh_date >= DATE_SUB(CURRENT_DATE(), INTERVAL 1 MONTH)
15   | -- Filter to the last 2 weeks.
16 GROUP BY Day, Top_Term, Week, rank
17 ORDER BY Day, Week DESC
18 | -- Show the days in reverse chronological order.
19
20
21
```

Press Alt+F1 for accessibility options.

RESULT:

Untitled query

RUN

SAVE

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SHARE

SCHEDULE

OPEN IN

MORE

This query will process 1.18 GB when ...

1 -- This query shows a list of the daily top Google Search terms.

2 |

3 SELECT

Query results

SAVE RESULTS

EXPLORE DATA

JOB INFORMATION

RESULTS

CHART

JSON

EXECUTION DETAILS

EXECUTION GRAPH

Showing fewer rows per page because the rows are large.

DISMISS

Row	Day	Top_Term	Week	Top_Terms
1	2024-11-23	Kendrick Lamar	2024-46	Kendrick Lamar
				Kendrick Lamar
				Kendrick Lamar
				Kendrick Lamar
				Kendrick Lamar
				Kendrick Lamar
				Kendrick Lamar

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