

Day63 - April 8th 2024

1. Started my day as usual
2. Learned how to detect a loop in the linked list
3. Pls find the doc here :  
<https://docs.google.com/document/d/1VedHFAIkW-5NqJcPPBK5pjTcctVONrP1aijwXquNRks/edit?usp=sharing>
4. Implemented transferring data from s3 to redshift..which is a part of my end to end pipeline
5. And Later used quicksight to analyze this data
6. Please find the doc here : **4-8-24\_ETL Pipeline part 3**
7. Ended my day by solving complex SQL from Hackerrank

**Problem**

Samantha interviews many candidates from different colleges using coding challenges and contests. Write a query to print the contest\_id, hacker\_id, name, and the sums of total\_submissions, total\_accepted\_submissions, total\_views, and total\_unique\_views for each contest sorted by contest\_id. Exclude the contest from the result if all four sums are 0.

**Note:** A specific contest can be used to screen candidates at more than one college, but each college only holds 1 screening contest.

**Input Format**

The following tables hold interview data:

- Contests: The contest\_id is the id of the contest, hacker\_id is the id of the hacker who created the contest, and name is the name of the hacker.

Column	Type
contest_id	Integer
hacker_id	Integer
name	String

- Colleges: The college\_id is the id of the college, and contest\_id is the id of the contest that Samantha used to screen the candidates.

Column	Type
--------	------

**SQL Editor**

```
1 /*
2 Enter your query here.
3 */
4 select
5 C.contest_id,C.hacker_id,C.name,sum(Vs.total_views),sum(total_unique_views),sum(SS.total_submissions),sum(SS.total_accepted_submissions)
6 from Contests C
7 inner join Colleges Co on C.contest_id = Co.contest_id
8 inner join Challenges Ch on Co.college_id = Ch.college_id
9 inner join View_Stats Vs on Ch.challenge_id = Vs.challenge_id
10 inner join Submission_Stats SS on Ch.challenge_id = SS.challenge_id
11 group by C.contest_id,C.hacker_id,C.name
12 order by C.contest_id
```

Run Code Submit Code

kaushikvarmy/MyGrind 4-8-24\_ETL\_Pipeline part 3 - Go Gemini OnlyGrind - LeetCode Profile Interviews | HackerRank (2) Invitation Manager | Linked

hackerank.com/challenges/interviews/problem?isFullScreen=true

HackerRank Prepare SQL Advanced Join Interviews Exit Full Screen View

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Column	Type
college_id	Integer
contest_id	Integer
hacker_id	Integer
total_submissions	Integer
total_accepted_submissions	Integer
total_views	Integer
total_unique_views	Integer

MySQL

```
1 /*
2  Enter your query here.
3  */
4  select
5  C.contest_id,C.hacker_id,C.name,sum(total_views),sum(total_unique_views),sum(total_submissions),sum(total_accepted_submissions) from
6  Contests C
7  inner join Colleges Co on C.contest_id = Co.contest_id
8  inner join Challenges Ch on Co.college_id = Ch.college_id
9  left join
10 (select challenge_id,sum(total_views) as total_views,sum(total_unique_views) as total_unique_views
11  from view_stats group by challenge_id) vs on Ch.challenge_id = vs.challenge_id
12 left join
13 (select challenge_id,sum(total_submissions) as total_submissions,sum(total_accepted_submissions) as total_accepted_submissions from
14  submission_stats group by challenge_id) ss on Ch.challenge_id = ss.challenge_id
15 group by C.contest_id,C.hacker_id,C.name
16 having sum(total_submissions)!=0
17 or sum(total_accepted_submissions)!=0 or
18 sum(total_views)!=0
19 or sum(total_unique_views)!=0
20 order by contest_id
```

Line: 17 Col: 20

Processing...

Run Code Submit Code

Upload Code as File

AI Assistant is here to help!

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10 (select challenge_id,sum(total_views) as total_views,sum(total_unique_views) as total_unique_views
11  from view_stats group by challenge_id) vs on Ch.challenge_id = vs.challenge_id
12 left join
13 (select challenge_id,sum(total_submissions) as total_submissions,sum(total_accepted_submissions) as total_accepted_submissions
14  from submission_stats group by challenge_id) ss on Ch.challenge_id = ss.challenge_id
15 group by C.contest_id,C.hacker_id,C.name
16 having sum(total_submissions)!=0
17 or sum(total_accepted_submissions)!=0 or
18 sum(total_views)!=0
19 or sum(total_unique_views)!=0
20 order by contest_id
```

Line: 4 Col: 63

Run Code Submit Code

Upload Code as File

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Sample Test case 0

Your Output (stdout)

```
1 845 579 Rose 1987 580 1635 566
2 858 1053 Angela 703 160 1002 384
3 883 1055 Frank 1121 319 1217 338
```

AI Assistant is here to help!

8.