

## Learn with Ankit Bansal



**100 Coding Problems**



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**100 DAY CODING PROBLEMS**

## Step - 1 : Problem Statement

### Problem Statement:

### 3 - LINKEDIN TOP VOICE

LinkedIn is a professional social networking app. They want to give top voice badge to their best creators to encourage them to create more quality content. A creator qualifies for the badge if he/she satisfies following criteria.

- 1- Creator should have more than 50k followers.
- 2- Creator should have more than 100k impressions on the posts that they published in the month of Dec-2023.
- 3- Creator should have published atleast 3 posts in Dec-2023.

**Write a SQL to get the list of top voice creators name along with no of posts and impressions by them in the month of Dec-2023.**

 **Difficult Level : EASY**

# NAMASTE SQL - DAY 15

## Step - 2 : Identifying The Input Data And Expected

### INPUT

creators		
CREATOR_ID	CREATOR_NAME	FOLLOWERS
1	Pavitra Nataraj	900
2	Ankit Bansal	150000
3	Rahul Gupta	70000
4	Shomil Sharma	55000

posts			
CREATOR_ID	POST_ID	PUBLISH_DATE	IMPRESSIONS
1	p1	2023-12-03	120000
2	p2	2023-12-02	51000
2	p3	2023-12-09	39000
2	p4	2023-12-20	42000
3	p5	2023-11-20	22000
3	p6	2023-12-04	32000
3	p7	2023-12-10	22000
3	p8	2023-12-01	41000
4	p9	2023-12-03	41000
4	p10	2023-12-04	71000

### OUTPUT

CREATOR_NAME	NO_OF_POSTS	TOTAL_IMPRESSIONS
Ankit Bansal	3	132000

**Step - 3 :** Writing the sql query to solve the

```
SELECT creator_name
      ,count(post_id) AS no_of_posts
      ,sum(impressions) AS total_impressions
FROM creators C
JOIN posts P ON C.creator_id = P.creator_id
WHERE C.followers ≥ 50000
      AND TO_CHAR(P.publish_date, 'YYYY-MM') = '2023-12'
GROUP BY creator_name
HAVING total_impressions ≥ 100000
      AND no_of_posts ≥ 3
```



Save

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