

## Learn with Ankit Bansal



**100 Coding Problems**



**Akash Mahindrakar**

**Data Engineer**

**akashsjce8050@gmail.com**

**100 DAY CODING PROBLEMS**

### Step - 1 : Problem Statement

 **Problem Statement:**

## 73 - CATEGORY PRODUCT COUNT

You are provided with a table that lists various product categories, each containing a comma-separated list of products. Your task is to write a SQL query to count the number of products in each category. Sort the result by product count.

 **Difficult Level : EASY**

## NAMASTE SQL - DAY 12

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

#### INPUT

| CATEGORY    | PRODUCTS                    |
|-------------|-----------------------------|
| Electronics | TV, Radio, Laptop           |
| Furniture   | Chair                       |
| Clothing    | Shirt, Pants, Jacket, Shoes |
| Groceries   | Rice, Sugar                 |

#### OUTPUT

| CATEGORY    | CNT |
|-------------|-----|
| Furniture   | 1   |
| Groceries   | 2   |
| Electronics | 3   |
| Clothing    | 4   |

## NAMASTE SQL - DAY 12

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

```
select
    category,
    length(products) - LENGTH(REPLACE(products, ',', '')) + 1 AS cnt
from
    categories
order by cnt
```



Save

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