**SQL Bug Fixing: Fix the QUERY - Totaling**

Oh no! Timmys been moved into the database divison of his software company but as we know Timmy loves making mistakes. Help Timmy keep his job by fixing his query...

Timmy works for a statistical analysis company and has been given a task of totaling the number of sales on a given day grouped by each department name and then each day.

Resultant table:

day (type: date) {group by} [order by asc]

department (type: text) {group by} [In a real world situation it is bad practice to name a column after a table]

sale\_count (type: int)

Tables and relationship below:

A diagram of a data flow

Description automatically generated with medium confidence

**Solution:**

SELECT DISTINCT

DATE(s.transaction\_date) as day,

d.name as department ,

COUNT(s.id) as sale\_count

FROM department d

JOIN sale s ON d.id = s.department\_id

group by d.name, day

order by day asc