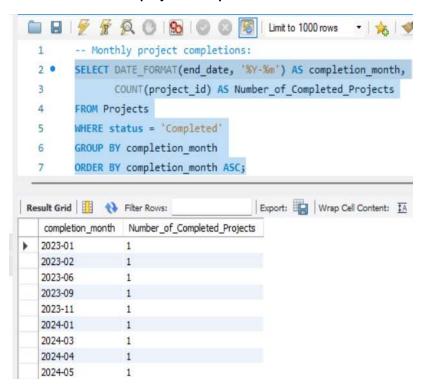
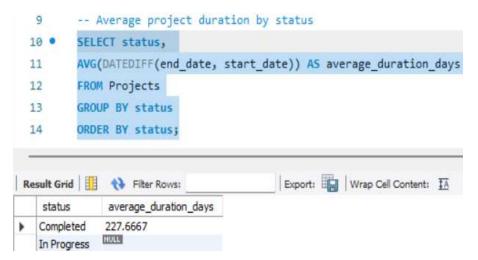
### **TASK 1: Monthly project completions:**

Count the number of projects completed each month.



### **TASK 2: Average project duration by status:**

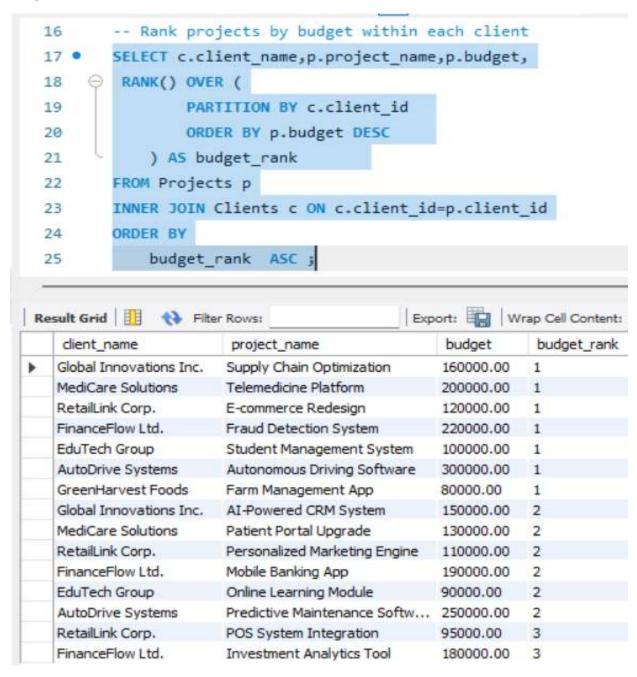
Calculate the average duration (in days) for projects based on their status (e.g., 'Completed', 'Delayed'). Assume end\_date - start\_date for duration.



Note- their will be no days in In progress row because we don't know what is end\_date here because work is not finished

### TASK 3: Rank projects by budget within each client:

For each client, rank their projects by budget in descending order. Show client\_name, project\_name, budget, and the rank



# **TASK 4: Sales increase from previous sale for each client:**

For each client, calculate the revenue and the revenue of their *previous* sale. Show client\_name, sale\_date, revenue, and previous\_sale\_revenue. Sort by client\_name and sale\_date.

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	29 🖯		evenue, 1,	and the second second				
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# TASK 5: Cumulative revenue by sales representative over time:

For each sales\_rep\_id, calculate the running total of revenue ordered by sale\_date. Show first\_name, last\_name, sale\_date, revenue, and running\_total\_revenue.

	37	Cumulativ	e revenue l	oy sales r	epresentat	ive over tim					
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	39 ⊝ SUN	SUM(revenue) OVER (									
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	Bob	Williams	2022-12-15	150000.00	245000.00						
	Bob	Williams	2023-03-25	120000.00	365000.00						
	Bob	Williams	2023-08-20	160000.00	525000.00						
	Bob	Williams	2023-10-15	110000.00	635000.00						
	Bob	Williams	2024-02-20	80000.00	715000.00						
	Bob	Williams	2024-03-10	50000.00	765000.00						
	David	Miller	2023-02-20	200000.00	200000.00						
	David	Miller	2023-06-30	90000.00	290000.00						
	David	Miller	2023-07-25	300000.00	590000.00						
	David	Miller	2023-12-20	220000.00	810000.00						
	David	Miller	2024-03-15	250000.00	1060000.00						
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	David Grace	Miller Moore	2022-04-15	190000.00	190000.00						
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