



MySQL 8.0



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Run SQL

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Save

Fork

Use a template



Sign in



SQL Schema



Query SQL

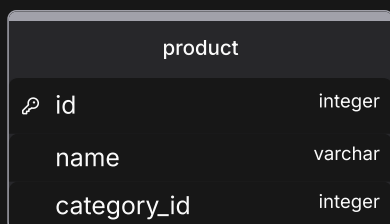


```
1 CREATE TABLE sales_data (  
2   id INT AUTO_INCREMENT PRIMARY KEY,  
3   customer_name VARCHAR(100),  
4   product VARCHAR(100),  
5   quantity INT,  
6   price INT,  
7   sale_date DATE  
8 );  
9  
10 INSERT INTO sales_data (customer_name, product, quantity, price, sale_date)  
11   ('Alice', 'Laptop', 1, 700, '2024-01-01'),  
12   ('Bob', 'Phone', 2, 300, '2024-01-03'),  
13   ('Alice', 'Headphones', 3, 50, '2024-02-01'),  
14   ('John', 'Laptop', 1, 700, '2024-02-10'),  
15   ('Alice', 'Laptop', 1, 300, '2024-03-01');  
16
```

```
1 WITH monthly_sales AS (  
2   SELECT  
3     DATE_FORMAT(sale_date, '%Y-%m') AS sale_month,  
4     SUM(quantity * price) AS total_sales  
5   FROM sales_data  
6   GROUP BY sale_month  
7 )  
8  
9 SELECT  
10   sale_month,  
11   total_sales,  
12   SUM(total_sales) OVER (ORDER BY sale_month) AS running_total  
13 FROM monthly_sales;
```



sale_month	total_sales	running_total
2024-01	1300	1300
2024-02	850	2150
2024-03	300	2450



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