



MySQL 8.0

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Run SQL

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Save

Fork

Use a template

Sign in



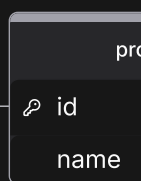
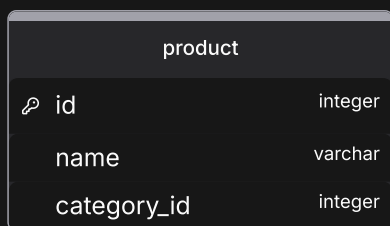
SQL Schema

```
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, 700, '2024-02-05'),  
16 ('John', 'Phone', 1, 300, '2024-02-05');
```



Query SQL

```
1 SELECT  
2   customer_name,  
3   SUM(quantity * price) AS total_spent,  
4   RANK() OVER (ORDER BY SUM(quantity * price) DESC) AS rank  
5 FROM sales_data  
6 GROUP BY customer_name
```



| customer_name | total_spent |
|---------------|-------------|
| Alice | 1150 |
| John | 700 |
| Bob | 600 |

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