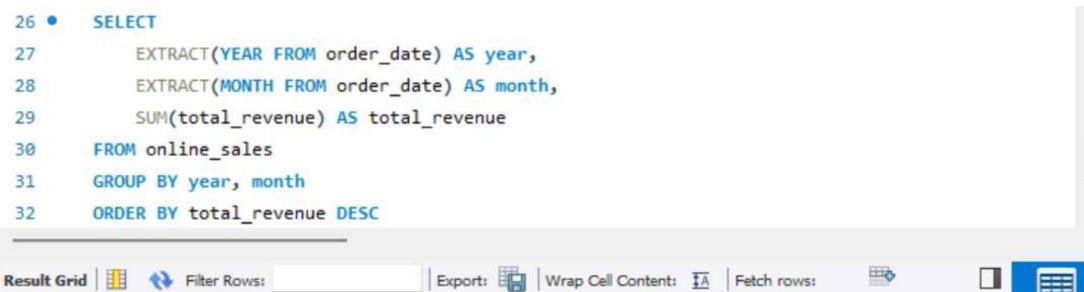
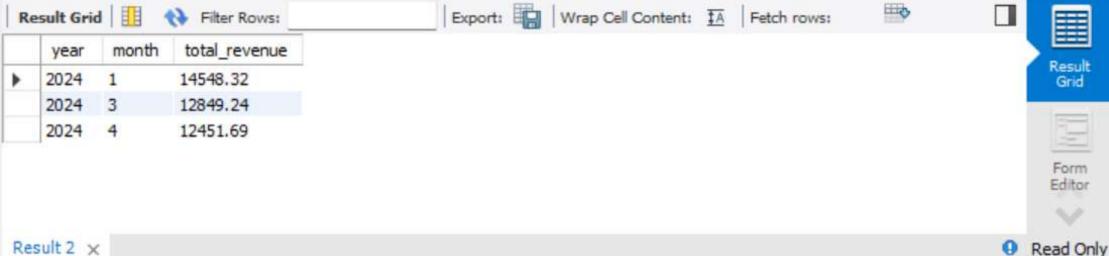
```
SELECT
15 •
           DATE_FORMAT(order_date, '%Y-%m') AS month,
16
           COUNT(DISTINCT transaction_id) AS order_volume,
17
           SUM(total_revenue) AS total_revenue
18
19
       FROM
           online_sales
20
       GROUP BY
21
           DATE_FORMAT(order_date, '%Y-%m')
22
23
       ORDER BY
24
           month;
```

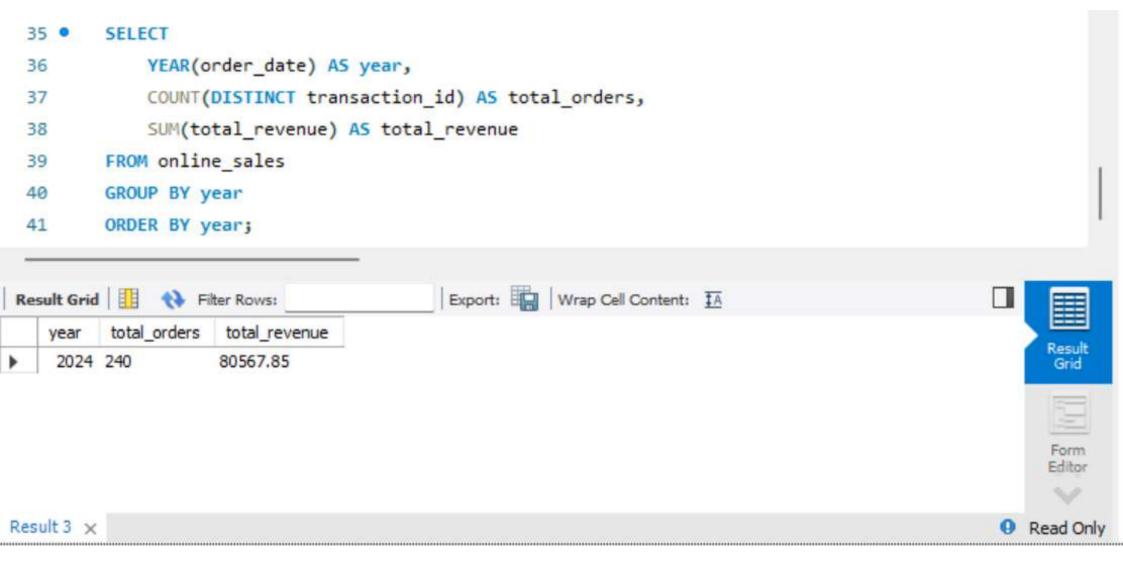
R	esult Grid	Filter R	lows	Export:	Wrap Cell Content:	ŦĀ		
	month	order_volume	total_revenue		Triop Sur Surrain	<u></u>		
•	2024-01	31	14548.32				Res Gr	sul rid
	2024-02	29	10803.37				A STATE OF THE STA	
	2024-03	31	12849.24					
	2024-04	30	12451.69					
	2024-05	31	8455.49				Fo Edi	
	2024-06	30	7384.55					
	2024-07	31	6797.08					
	2024-08	27	7278.11					

Read Only

Result 1 ×







```
43 0
         SELECT
             YEAR(order date) AS year,
 44
             QUARTER(order date) AS quarter,
 45
 46
             COUNT(DISTINCT transaction id) AS total orders,
             SUM(total revenue) AS total revenue
 47
         FROM online sales
 48
 49
         GROUP BY year, quarter
         ORDER BY year, quarter;
 50
Result Grid
                                             Export: Wrap Cell Content: TA
             Filter Rows:
         quarter
                  total_orders
                              total_revenue
   year
                                                                                                           Result
Grid
    2024 1
                 91
                             38200.93
    2024 2
                             28291.73
                 58
    2024 3
                             14075.19
                                                                                                           Form
```

Result 4 x

Read Only

Editor

```
52 • WITH monthly sales AS (
53
           SELECT
               DATE_FORMAT(order_date, '%Y-%m') AS month,
54
               COUNT(DISTINCT transaction_id) AS order_volume,
55
               SUM(total_revenue) AS monthly_revenue
56
57
           FROM online_sales
           GROUP BY month
58
59
       SELECT
60
           month,
61
62
           order volume,
           monthly_revenue,
63
           SUM(monthly revenue) OVER (ORDER BY month) AS cumulative revenue
64
       FROM monthly sales
65
       ORDER By month:
66
```

E	esult Grid	Filter Rows:		Export: Wrap Co	Content: TA	
	month	order_volume	monthly_revenue	cumulative_revenue		
Ī	2024-01	31	14548.32	14548.32		
	2024-02	29	10803.37	25351.69		
	2024-03	31	12849.24	38200.93		
	2024-04	30	12451.69	50652.62		
	2024-05	31	8455.49	59108.11		
₹e	sult 5 ×					0

```
product_category,

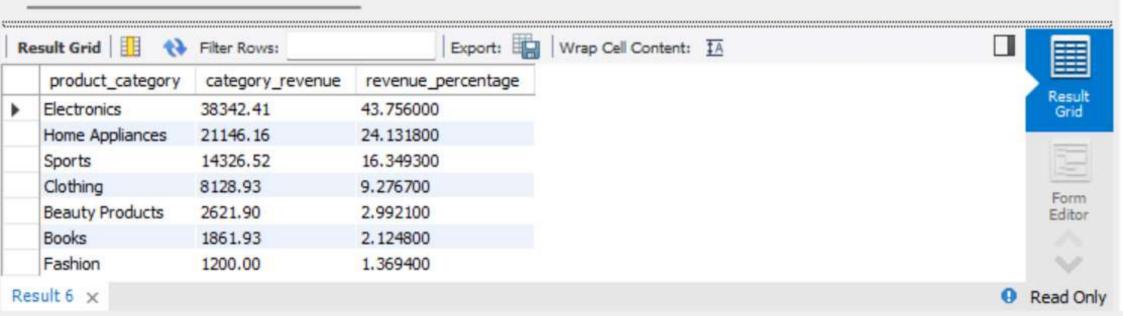
SUM(total_revenue) AS category_revenue,

(SUM(total_revenue) / (SELECT SUM(total_revenue) FROM online_sales)) * 100 AS revenue_per

FROM online_sales

GROUP BY product_category

ORDER BY category_revenue DESC;
```



```
→ WITH monthly sales AS (
 97
            SELECT
 98
                DATE FORMAT(order date, '%Y-%m') AS month,
                SUM(total revenue) AS monthly revenue
 99
            FROM online sales
100
            GROUP BY month
101
102
        SELECT
103
104
            month,
            monthly revenue,
105
            LAG(monthly revenue, 1) OVER (ORDER BY month) AS previous month revenue,
106
             (monthly_revenue - LAG(monthly_revenue, 1) OVER (ORDER BY month)) / LAG(monthly_revenue,
107
        FROM monthly sales
108
        ORDER BY month;
109
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content: IA		
	month	monthly_revenue	previous_month_revenue	revenue_growth_percentage		
•	2023-01	1000.00	HULL	NULL		Result Grid
	2023-02	1300.00	1000.00	30.000000		
	2023-03	280.00	1300.00	-78.461500		
	2023-04	500.00	280.00	78.571400		
	2023-05	1040.00	500.00	108.000000		
Res	sult 7 ×				0	Read Only

```
111 • ⊖ WITH monthly_sales AS (
112
            SELECT
                DATE_FORMAT(order_date, '%Y-%m') AS month,
113
                SUM(total revenue) AS monthly revenue
114
115
            FROM online sales
            GROUP BY month
116
117
        SELECT
118
            month,
119
            monthly_revenue,
120
121
            AVG(monthly_revenue) OVER (ORDER BY month ROWS BETWEEN 2 PRECEDING AND CURRENT ROW) AS mo
        FROM monthly sales
122
        ORDER BY month;
123
```

R	esult Grid	Filter Rows:	Export:	Wrap Cell Content: IA	
	month	monthly_revenue	moving_avg_revenue		
•	2023-01	1000.00	1000.000000		Result Grid
	2023-02	1300.00	1150.000000		
	2023-03	280.00	860.000000		
	2023-04	500.00	693.333333		
	2023-05	1040.00	606.666667		
Re	sult 8 ×				Read Only