

```

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

```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Result
Grid



Form
Editor



	month	order_volume	total_revenue
▶	2024-01	31	14548.32
	2024-02	29	10803.37
	2024-03	31	12849.24
	2024-04	30	12451.69
	2024-05	31	8455.49
	2024-06	30	7384.55
	2024-07	31	6797.08
	2024-08	27	7278.11

Result 1 ×

! Read Only

```
26 • SELECT
27     EXTRACT(YEAR FROM order_date) AS year,
28     EXTRACT(MONTH FROM order_date) AS month,
29     SUM(total_revenue) AS total_revenue
30 FROM online_sales
31 GROUP BY year, month
32 ORDER BY total_revenue DESC
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Fetch rows:



Result
Grid



Form
Editor



Read Only

	year	month	total_revenue
▶	2024	1	14548.32
	2024	3	12849.24
	2024	4	12451.69

Result 2 ×

```
35 • SELECT
36     YEAR(order_date) AS year,
37     COUNT(DISTINCT transaction_id) AS total_orders,
38     SUM(total_revenue) AS total_revenue
39 FROM online_sales
40 GROUP BY year
41 ORDER BY year;
```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	year	total_orders	total_revenue
▶	2024	240	80567.85



Result
Grid







Form
Editor



Result 3 x

! Read Only

```
43 • SELECT
44     YEAR(order_date) AS year,
45     QUARTER(order_date) AS quarter,
46     COUNT(DISTINCT transaction_id) AS total_orders,
47     SUM(total_revenue) AS total_revenue
48 FROM online_sales
49 GROUP BY year, quarter
50 ORDER BY year, quarter;
```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	year	quarter	total_orders	total_revenue
▶	2024	1	91	38200.93
	2024	2	1	28291.73
	2024	3	58	14075.19



Result
Grid



Form
Editor



! Read Only

Result 4 x

```

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






```





<div> <div>Result Grid</div> <div> Filter Rows: <input type="text"/> </div> <div> <div>Export: </div> <div>Wrap Cell Content: </div> </div> </div>				
	month	order_volume	monthly_revenue	cumulative_revenue
▶	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




```

88 • SELECT
89     product_category,
90     SUM(total_revenue) AS category_revenue,
91     (SUM(total_revenue) / (SELECT SUM(total_revenue) FROM online_sales)) * 100 AS revenue_per
92 FROM online_sales
93 GROUP BY product_category
94 ORDER BY category_revenue DESC;

```

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content:  			
	product_category	category_revenue	revenue_percentage
▶	Electronics	38342.41	43.756000
	Home Appliances	21146.16	24.131800
	Sports	14326.52	16.349300
	Clothing	8128.93	9.276700
	Beauty Products	2621.90	2.992100
	Books	1861.93	2.124800
	Fashion	1200.00	1.369400

 Result Grid
 Form Editor



Result 6 x   Read Only

```

96  WITH monthly_sales AS (
97      SELECT
98          DATE_FORMAT(order_date, '%Y-%m') AS month,
99          SUM(total_revenue) AS monthly_revenue
100     FROM online_sales
101     GROUP BY month
102 )
103 SELECT
104     month,
105     monthly_revenue,
106     LAG(monthly_revenue, 1) OVER (ORDER BY month) AS previous_month_revenue,
107     (monthly_revenue - LAG(monthly_revenue, 1) OVER (ORDER BY month)) / LAG(monthly_revenue,
108 FROM monthly_sales
109 ORDER BY month;

```

Result Grid Filter Rows: Export: Wrap Cell Content:				
	month	monthly_revenue	previous_month_revenue	revenue_growth_percentage
▶	2023-01	1000.00	NULL	NULL
	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



Result Grid



Read Only

```

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

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	month	monthly_revenue	moving_avg_revenue
▶	2023-01	1000.00	1000.000000
	2023-02	1300.00	1150.000000
	2023-03	280.00	860.000000
	2023-04	500.00	693.333333
	2023-05	1040.00	606.666667



Result
Grid



Result 8 ×

Read Only