

ry Database Server Tools Scripting Help

SQL File 3\* x

Limit to 1000 rows

```
1 • show databases;
2 • create database sales;
3 • show databases;
4 • use sales;
5 • select * from online_sales;
6
7 -- EXTRACTING MONTH FROM order_date
8 • SELECT order_id,order_date,
9   EXTRACT(MONTH FROM order_date) AS month
10  FROM online_sales LIMIT 10;
```

Result Grid

|   | order_id | order_date          | month |
|---|----------|---------------------|-------|
| ▶ | 5001     | 2022-02-18 00:00:00 | 2     |
|   | 5002     | 2022-02-19 00:00:00 | 2     |
|   | 5003     | 2024-08-09 00:00:00 | 8     |
|   | 5004     | 2024-04-15 00:00:00 | 4     |
|   | 5005     | 2024-07-07 00:00:00 | 7     |
|   | 5006     | 2021-04-03 00:00:00 | 4     |
|   | 5007     | 2024-09-16 00:00:00 | 9     |
|   | 5008     | 2022-03-01 00:00:00 | 3     |
|   | 5009     | 2021-09-19 00:00:00 | 9     |
|   | 5010     | 2024-01-21 00:00:00 | 1     |

cts  
ius  
ecommerce

on Schemas

Limit to 1000 rows

```
10 FROM online_sales LIMIT 10;  
11  
12 -- GROUPING year and month  
13 • SELECT EXTRACT(YEAR FROM order_date) AS year,  
14          EXTRACT(MONTH FROM order_date) AS month,  
15          COUNT(*) AS order_count  
16 FROM online_sales  
17 GROUP BY EXTRACT(YEAR FROM order_date),  
18          EXTRACT(MONTH FROM order_date);  
19  
20
```

Result Grid

Filter Rows:

Export: Wrap Cell Co

|   | year | month | order_count |
|---|------|-------|-------------|
| ▶ | 2022 | 2     | 43          |
|   | 2024 | 8     | 34          |
|   | 2024 | 4     | 38          |
|   | 2024 | 7     | 39          |
|   | 2021 | 4     | 31          |
|   | 2024 | 9     | 32          |
|   | 2022 | 3     | 32          |
|   | 2021 | 9     | 38          |
|   | 2024 | 1     | 33          |
|   | 2022 | 12    | 38          |
|   | 2023 | 1     | 37          |
|   | 2022 | 4     | 25          |
|   | 2022 | 10    | 33          |
|   | 2024 | 10    | 35          |
|   | 2023 | 12    | 35          |
|   | 2021 | 12    | 31          |
|   | 2024 | 11    | 25          |
|   | 2022 | 7     | 38          |
|   | 2023 | 10    | 30          |

Result 13 x



View Query Database Server Tools Scripting Help

SQL File 3\*

Limit to 1000 rows

```
27
28 -- COUNT(DISTINCT order_id) for volume
29 • SELECT EXTRACT(YEAR FROM order_date) AS year,
30         EXTRACT(MONTH FROM order_date) AS month,
31         COUNT(DISTINCT order_id) AS total_orders
32 FROM online_sales
33 GROUP BY EXTRACT(YEAR FROM order_date),
34         EXTRACT(MONTH FROM order_date);
35
```

Result Grid

Filter Rows:

Export: Wrap Cell Content:

|   | year | month | total_orders |
|---|------|-------|--------------|
| ▶ | 2021 | 1     | 30           |
|   | 2021 | 2     | 26           |
|   | 2021 | 3     | 29           |
|   | 2021 | 4     | 31           |
|   | 2021 | 5     | 23           |
|   | 2021 | 6     | 35           |
|   | 2021 | 7     | 38           |
|   | 2021 | 8     | 34           |
|   | 2021 | 9     | 38           |
|   | 2021 | 10    | 39           |
|   | 2021 | 11    | 26           |
|   | 2021 | 12    | 31           |
|   | 2022 | 1     | 20           |
|   | 2022 | 2     | 43           |
|   | 2022 | 3     | 32           |
|   | 2022 | 4     | 25           |
|   | 2022 | 5     | 28           |
|   | 2022 | 6     | 29           |
|   | 2022 | 7     | 38           |
|   | 2022 | 8     | 37           |
|   | 2022 | 9     | 32           |

Result 8

SQL File 3\* x

Limit to 1000 rows

```
36 -- ORDER BY for sorting
37 • SELECT EXTRACT(YEAR FROM order_date) AS year,
38        EXTRACT(MONTH FROM order_date) AS month,
39        SUM(amount) AS total_revenue,
40        COUNT(DISTINCT order_id) AS total_orders
41 FROM online_sales
42 GROUP BY EXTRACT(YEAR FROM order_date),
43          EXTRACT(MONTH FROM order_date)
44 ORDER BY year ASC, month ASC;
```

Result Grid

Filter Rows:

Export: Wrap Cell Content: [IA](#)

|   | year | month | total_revenue      | total_orders |
|---|------|-------|--------------------|--------------|
| ▶ | 2021 | 1     | 117774.83          | 30           |
|   | 2021 | 2     | 81356.11           | 26           |
|   | 2021 | 3     | 101313.06          | 29           |
|   | 2021 | 4     | 121340.40000000002 | 31           |
|   | 2021 | 5     | 76206.19           | 23           |
|   | 2021 | 6     | 147204.95          | 35           |
|   | 2021 | 7     | 135971.33000000002 | 38           |
|   | 2021 | 8     | 115762.76999999997 | 34           |
|   | 2021 | 9     | 147064             | 38           |
|   | 2021 | 10    | 125249.11000000002 | 39           |
|   | 2021 | 11    | 83933.34000000001  | 26           |
|   | 2021 | 12    | 136470.08000000002 | 31           |
|   | 2022 | 1     | 67356.91           | 20           |
|   | 2022 | 2     | 153189.67          | 43           |
|   | 2022 | 3     | 113445.07999999999 | 32           |
|   | 2022 | 4     | 90878.57           | 25           |
|   | 2022 | 5     | 90288.32000000004  | 28           |
|   | 2022 | 6     | 100996.19999999998 | 29           |
|   | 2022 | 7     | 112776.38          | 38           |
|   | 2022 | 8     | 149949.31          | 37           |
|   | 2022 | 9     | 82255.64           | 32           |

Result 9 x

Output

lemas



Filter Rows:

Export:

w

 $\overline{IA}$ 

|   | year | month | total_revenue      | total_orders |
|---|------|-------|--------------------|--------------|
| ▶ | 2022 | 1     | 67356.91           | 20           |
|   | 2022 | 2     | 153189.67          | 43           |
|   | 2022 | 3     | 113445.07999999999 | 32           |
|   | 2022 | 4     | 90878.57           | 25           |
|   | 2022 | 5     | 90288.32000000004  | 28           |
|   | 2022 | 6     | 100996.19999999998 | 29           |
|   | 2022 | 7     | 112776.38          | 38           |
|   | 2022 | 8     | 149949.31          | 37           |
|   | 2022 | 9     | 82255.64           | 32           |
|   | 2022 | 10    | 142126.06          | 33           |
|   | 2022 | 11    | 107171.87999999998 | 27           |
|   | 2022 | 12    | 123323.03000000004 | 38           |