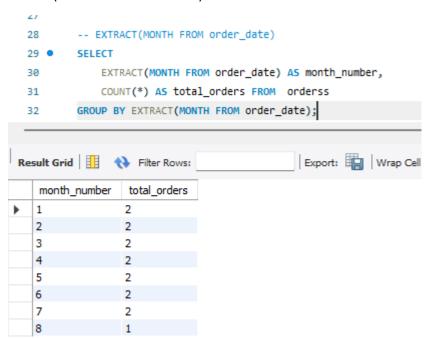
Sales Analyse monthly revenue and order volume

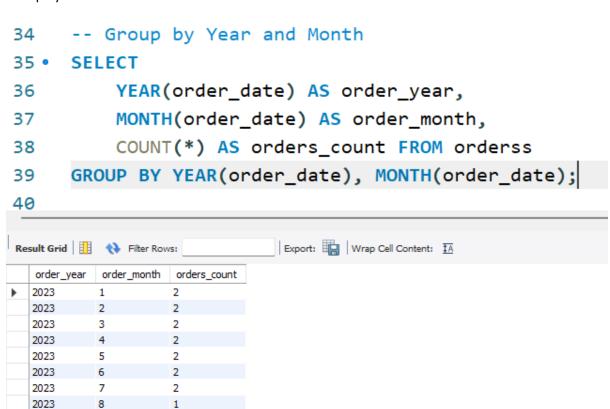
```
96
🕶 | 🏡 | 🥩 🔍
                                             Don't Limit
  1 •
        use ecommerce;
  2 • 

CREATE TABLE orderss (
            order_id INT PRIMARY KEY,
  3
  4
            order_date DATE,
            amount DECIMAL(10, 2),
  5
            product_id INT
  7
       - );
        INSERT INTO orderss (order_id, order_date, amount, product_id) VALUES
        (101, '2023-01-15', 250.00, 1),
 10
        (102, '2023-01-20', 320.00, 2),
 11
        (103, '2023-02-05', 180.00, 3),
 12
        (104, '2023-02-15', 450.00, 1),
 13
        (105, '2023-03-10', 100.00, 2),
 14
        (106, '2023-03-22', 220.00, 1),
 15
        (107, '2023-04-03', 310.00, 4),
 16
        (108, '2023-04-25', 410.00, 3),
 17
        (109, '2023-05-05', 90.00, 2),
        (110, '2023-05-14', 270.00, 4),
 19
        (111, '2023-06-01', 330.00, 1),
 20
        (112, '2023-06-10', 190.00, 3),
 21
        (113, '2023-07-11', 360.00, 2),
 22
         (114, '2023-07-18', 140.00, 3),
 23
         (115, '2023-08-01', 280.00, 4);
 24
Edit
            order_date
   order_id
                       amount
                               product_id
   101
            2023-01-15
                       250.00
                                1
   102
            2023-01-20 320.00 2
   103
            2023-02-05
                      180.00
                               3
            2023-02-15 450.00
   104
                               1
            2023-03-10 100.00
   105
                               2
           2023-03-22 220.00 1
   106
   107
            2023-04-03 310.00
            2023-04-25 410.00 3
   108
   109
            2023-05-05 90.00
                                2
   110
           2023-05-14 270.00
                               4
   111
            2023-06-01 330.00
   112
            2023-06-10 190.00
                               3
            2023-07-11 360.00
   113
   114
            2023-07-18 140.00
                               3
   115
            2023-08-01
                      280.00
           NULL
                       NULL
                               NULL
  NULL
```

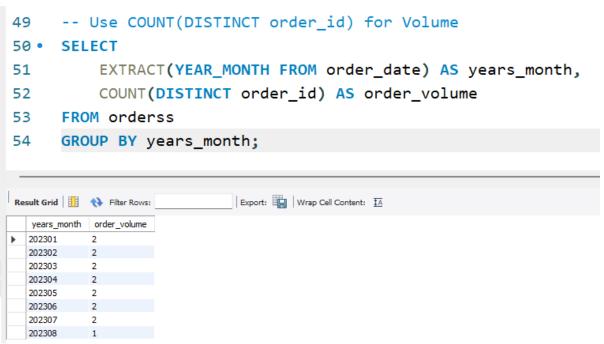
Extract (month from Order Date)



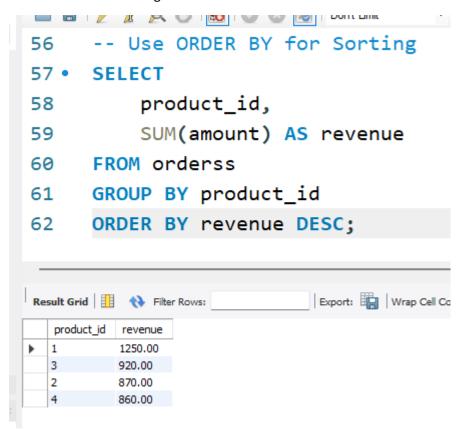
Group by Year and Month



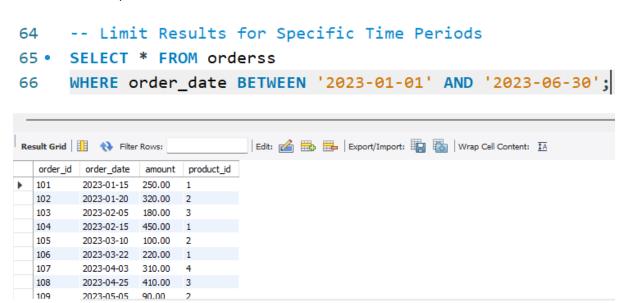
```
-- Use SUM() for Total Revenue
  41
  42 •
       SELECT
             YEAR(order_date) AS year,
  43
  44
             MONTH(order date) AS month,
             SUM(amount) AS total revenue
  45
        FROM orderss
  46
        GROUP BY YEAR(order_date), MONTH(order_date);
  47
  Export: Wrap Cell Content: IA
       month total_revenue
    2023 1
             570.00
    2023 2
            630.00
    2023 3
             320.00
    2023 4
            720.00
    2023 5
             360.00
    2023 6
             520.00
    2023 7
             500.00
    2023 8
             280.00
Use COUNT(DISTINCT order_id) for Volume
```



Use ORDER BY for Sorting



Limit Results for Specific Time Periods



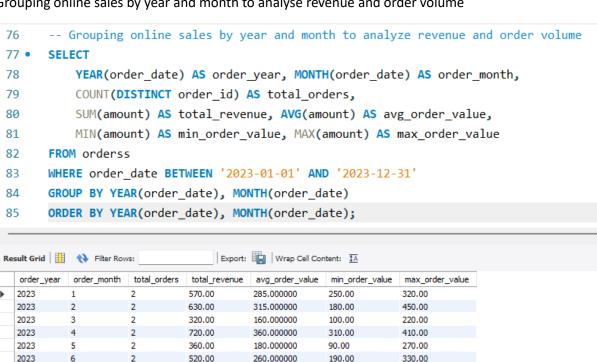
Rolling 3-Month Revenue

2023

```
68
      -- Rolling 3-Month Revenue
69 •
      SELECT
70
          DATE_FORMAT(order_date, '%Y-%m') AS years_month,
71
           SUM(amount) AS monthly_revenue FROM orderss
      WHERE order_date >= DATE_SUB('2023-08-01', INTERVAL 3 MONTH)
72
73
      GROUP BY years_month
      ORDER BY years_month;
74
Export: Wrap Cell Content: 1A
  years_month monthly_revenue
  2023-05
          360.00
  2023-06
         520.00
  2023-07
          500.00
  2023-08
         280.00
```

Grouping online sales by year and month to analyse revenue and order volume

500.00



250.000000 140.00

360.00