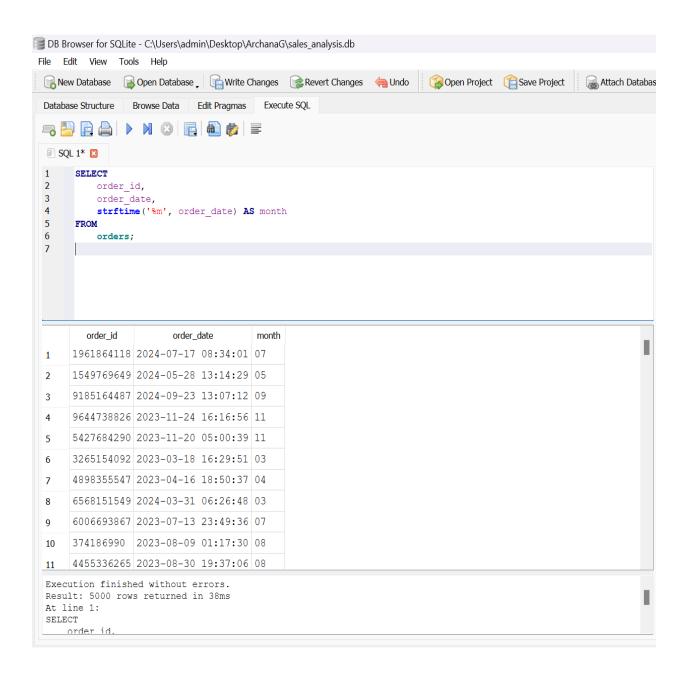
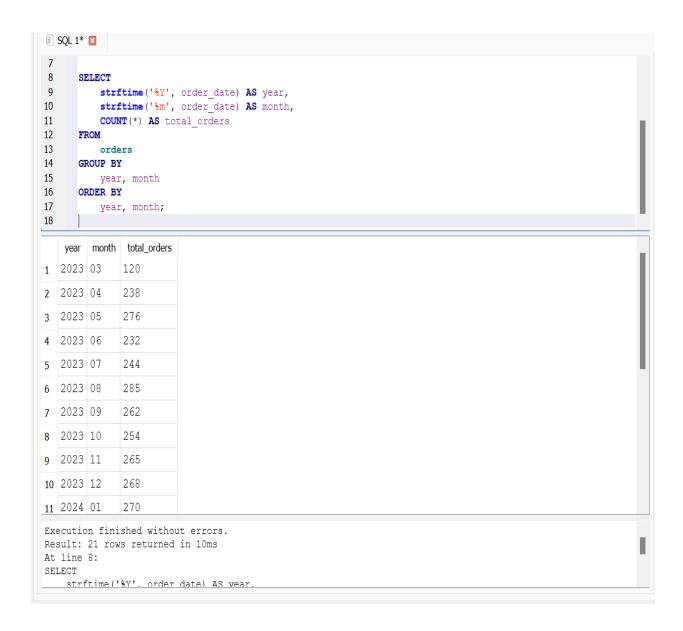
#### 1.Extract Month from Order Date



# 2. Total Orders Grouped by Year and Month



### 3. Total Orders Grouped by Year and Month

```
SQL 1* 
20
21
22
           strftime('%Y-%m', order_date) AS month,
23
           SUM (order_total) AS total_revenue
24
25
           orders
26
      GROUP BY
27
28
      ORDER BY
30
     month total_revenue
1 2023-03 272878.96
2 2023-04 554344.77
Execution finished without errors.
Result: 21 rows returned in 14ms At line 21:
SELECT
    strftime('%Y-%m', order_date) AS month,
SUM(order_total) AS total_revenue
FROM
GROUP BY
    month
ORDER BY
    month;
```

## 4. Monthly Order Volume (COUNT of Unique Orders)

```
■ SQL 1<sup>*</sup> 
■
 31
  33
34
35
        FROM orders
             COUNT (DISTINCT order_id) AS order_volume
  36
37
38
        GROUP BY
  39
40
         ORDER BY
             month;
  41
     month order_volume
  1 2023-03 120
  2 2023-04 238
  3 2023-05 276
  4 2023-06 232
  5 2023-07 244
  6 2023-08 285
  Execution finished without errors.
  Result: 21 rows returned in 6ms
  At line 32:
      strftime('%Y-%m', order_date) AS month,
COUNT(DISTINCT order_id) AS order_volume
  FROM
  GROUP BY
  month
ORDER BY
```

### 5. Combined Monthly Revenue and Volume

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    SQL 1* 
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        45
                                     SELECT
                                                      strftime('%Y-%m', order_date) AS month,
                                                       SUM(order_total) AS total_revenue,
        48
                                                      COUNT (DISTINCT order_id) AS order_volume
        49
50
51
52
                                  FROM
                                   GROUP BY
        53
54
55
                                    ORDER BY
                            month total_revenue order_volume
        1 2023-03 272878.96 120
        2 2023-04 554344.77 238
        3 2023-05 608213.54 276
        4 2023-06 505227.66 232
        5 2023-07 567639.91 244
        6 2023-08 623472.35 285
        - 2022 00 571117 01 202
        Execution finished without errors.
         Result: 21 rows returned in 10ms
         At line 45:
                        strftime('%Y-%m', order_date) AS month,
SUM(order_total) AS total_revenue,
                          COUNT(DISTINCT order_id) As order_volume
                          orders
         GROUP BY
                         month
```

#### 6. Revenue and Volume for the Year 2024

```
59
             SUM(order total) AS total revenue,
             COUNT (DISTINCT order_id) AS order_volume
 61
62
        FROM
             orders
 63
        WHERE
 64
65
66
            strftime('%Y', order_date) = '2024'
        GROUP BY
            month
        ORDER BY
 69
      month total revenue order volume
 1 2024-01 560423.56 270
 2 2024-02 545090.11 252
 3 2024-03 543181.85 251
 4 2024-04 538754.75 241
 5 2024-05 574163.61 263
 6 2024-06 539074.85 248
 Execution finished without errors.
 Result: 11 rows returned in 16ms
 At line 57:
 SELECT
     strftime('$Y-$m', order_date) AS month,
SUM(order_total) AS total_revenue,
COUNT(DISTINCT order_id) AS order_volume
      orders
      strftime('%Y', order_date) = '2024'
```