# **Queries and Results**

#### 1. Creating Table

```
1 # creating table
2 • CREATE TABLE online_sales (
3 order_id VARCHAR(50) primary key,
4 customer_id VARCHAR(50),
5 order_date date,
6 amount DECIMAL(6, 2),
7 product_id VARCHAR(100)
8 );
9
10 # to show all the data present in the table created

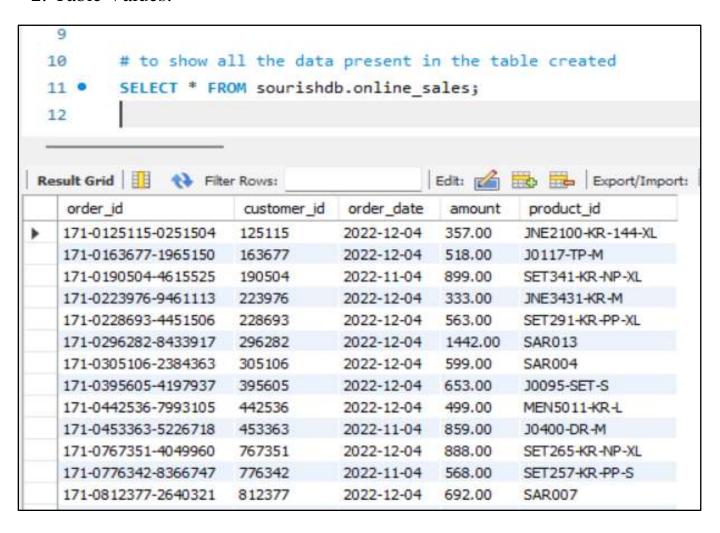
Output

Action Output

# Time Action

Message
2 16:30:14 CREATE TABLE online_sales ( order_id VARCHAR(50) primary key, customer_id VARCHAR(50), order_da... Orow(s) affected
```

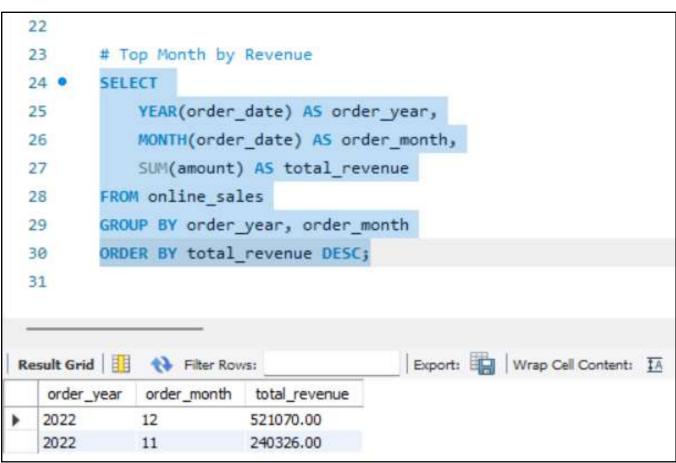
#### 2. Table Values:



### 3. Monthly Revenue & Order Volume

```
12
        # Monthly Revenue & Order Volume
 13
        SELECT
 14
            YEAR(order date) AS order year,
 15
            MONTH(order date) AS order month,
 16
            SUM(amount) AS total revenue,
 17
            COUNT(DISTINCT order_id) AS order_volume
 18
        FROM online sales
19
        GROUP BY order_year, order_month
 20
        ORDER BY order year, order month;
 21
 22
                                        Export: Wrap Cell Content:
order_year order_month
                                    order_volume
                       total_revenue
  2022
            11
                                    352
                        240326.00
  2022
             12
                        521070.00
                                    751
```

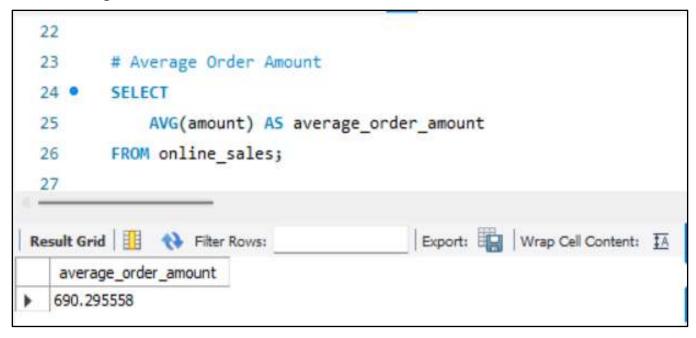
#### 4. Top Month by Revenue



#### 5. Total Orders by Customer

```
12
         #Total Orders by Customers
 13
         SELECT
 14 •
             customer_id,
 15
             COUNT(*) AS total orders,
 16
 17
             SUM(amount) AS total spent
 18
         FROM online_sales
         GROUP BY customer id
 19
         ORDER BY total_spent DESC;
 20
 21
                                           Export: Wrap Cell Content: IA
customer_id total_orders
                         total_spent
  3600740
                          1556.00
  7396160
                          1523.00
              1
  1994630
              1
                          1523.00
  2044365
              1
                          1481.00
  2183842
                          1449.00
              1
  296282
              1
                          1442.00
  9396326
                          1442.00
  6445472
                          1442.00
  7238770
              1
                          1442.00
  2072482
              1
                          1432.00
  2374778
              1
                          1432.00
  8275680
              1
                          1364.00
  5372960
                          1362.00
  1301703
              1
                          1354.00
  9419371
              1
                          1349.00
```

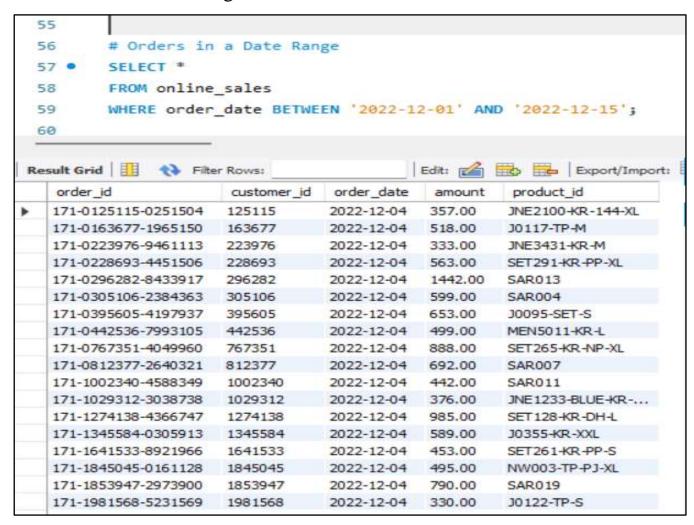
### 6. Average Order Amount



#### 7. Top 5 Products by Revenue

```
# Top 5 Products by Revenue
 46
 47 0
         SELECT
              product id,
 48
              COUNT(*) AS total orders,
 49
              SUM(amount) AS revenue
 50
 51
         FROM online_sales
         GROUP BY product id
 52
 53
         ORDER BY revenue DESC
 54
         LIMIT 5;
                                             Export: Wrap Cell Content: IA
Result Grid
              Filter Rows:
   product id
                    total_orders
                                revenue
  J0339-DR-XXL
                               6026.00
  SET110-KR-PP-XS
                   7
                                5516.00
  SET268-KR-NP-L
                   7
                                5336.00
  SAR024
                   6
                                5247.00
  SET377-KR-NP-XS
                                5244.00
```

#### 8. Orders in a Date Range



## 9. Daily Sales Trend

```
60
       # Daily Sales Trend
 61
       SELECT
 62 •
           order_date,
 63
           SUM(amount) AS daily_sales
 64
      FROM online sales
 65
      GROUP BY order_date
 66
       ORDER BY order_date;
 67
 68
                                    Export: Wrap Cell Content: TA
order_date daily_sales
  2022-11-04 240326.00
  2022-12-04 521070.00
```