



# **SQL :**

## **MART SALES**

### **DATASET**

### **ANALYSIS**

```
1 • create schema mart;
2 • select * from mart.amazingmarteu2geo;
3
4 #1. Count Total Orders
5 • select count(*) from mart.amazingmarteu2geo;
6
7 #2. List Unique Countries
8 • select distinct(Country)
9   from mart.amazingmarteu2geo;
10
11 #3. Find Orders from a Specific City
12 • select * from mart.amazingmarteu2geo
13   where City = 'Stockholm';
```

15 #4. Find Customers with Orders in Multiple Regions

16 • `select `Customer Name``  
17 `from mart.amazingmarteu2geo`  
18 `group by `Customer Name``  
19 `having count(distinct Region) > 1;`

20 |  
21 #5. List Ship Modes

22 • `select distinct(`Ship Mode`)`  
23 `from mart.amazingmarteu2geo;`

24

```
25 #6. Top 5 Most Frequent Customers
26 • select `Customer Name` , count(`Customer Name`) as Order_Count
27 from mart.amazingmarteu2geo
28 group by `Customer Name`
29 order by Order_Count desc
30 limit 5;
31
32 #7. Orders by Region
33 • select Region , Count(Region) as count
34 from mart.amazingmarteu2geo
35 group by Region;
36
```

```
37 #8. Filter Orders Shipped with Economy Mode
38 • select * from mart.amazingmarteu2geo
39 where `Ship Mode` = 'Economy';
40
41 #9. Orders Per Country
42 • select Country , Count(Country) as Orders
43 from mart.amazingmarteu2geo
44 group by Country;
45
```



```
46 #10. Top 3 Countries by Orders
47 • select Country , Count(Country) as Orders
48 from mart.amazingmarteu2geo
49 group by Country
50 order by Orders desc
51 limit 3;
52
53 #11. Orders by Segment and Region
54 • select Segment , Region , count(*) as Total_Count
55 from mart.amazingmarteu2geo
56 group by Segment,Region;
```

```
58 #12. Customer Order Patterns (Month-wise)
59 • select `Customer Name`, month(`Order Date`)
60 as order_month, count(*) as order_count
61 from mart.amazingmarteu2geo
62 group by `Customer Name`, month(`Order Date`);
63
64 #13. Find Top Cities with Orders
65 • select City , count(City) as Orders
66 from mart.amazingmarteu2geo
67 group by City
68 order by Orders desc
69 limit 10;
```

#### #14. Average Orders Per Segment and Region

```
select Segment, Region, avg(order_count) as avg_orders
from (
    select Segment, Region, count(*) AS order_count
    from mart.amazingmarteu2geo
    group by Segment, Region
) as subquery
group by Segment, Region;
```

#### #15. Geographical Analysis of Orders

```
select Country, avg(lat) as avg_lat, avg(lon) as avg_lon,
    count(*) as total_orders
from mart.amazingmarteu2geo
group by Country;
```