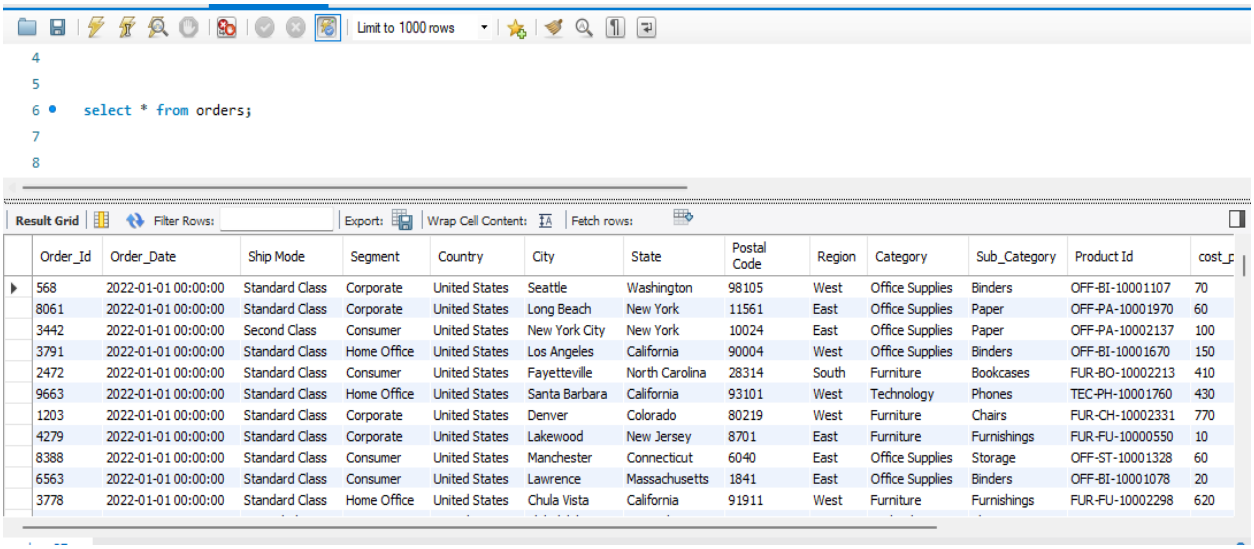
TASK-06

Sales trend analysis using SQL Aggrigations

1. Dataset

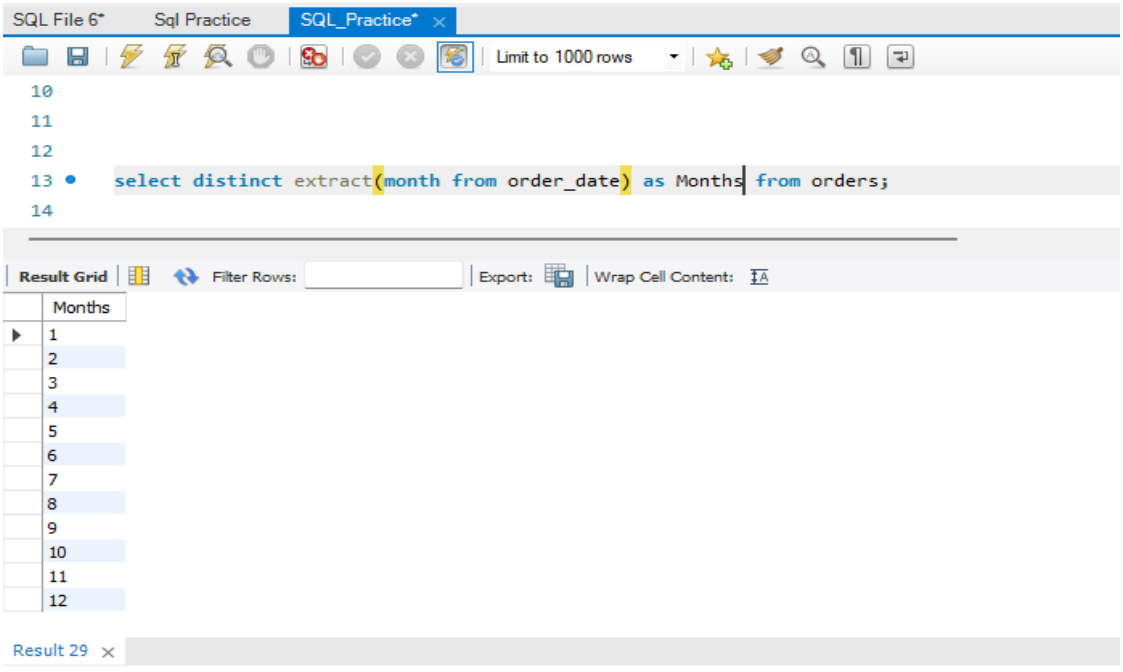


```
4
5
6 •  select * from orders;
7
8
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

Order_Id	Order_Date	Ship Mode	Segment	Country	City	State	Postal Code	Region	Category	Sub_Category	Product Id	cost_p
568	2022-01-01 00:00:00	Standard Class	Corporate	United States	Seattle	Washington	98105	West	Office Supplies	Binders	OFF-BI-10001107	70
8061	2022-01-01 00:00:00	Standard Class	Corporate	United States	Long Beach	New York	11561	East	Office Supplies	Paper	OFF-PA-10001970	60
3442	2022-01-01 00:00:00	Second Class	Consumer	United States	New York City	New York	10024	East	Office Supplies	Paper	OFF-PA-10002137	100
3791	2022-01-01 00:00:00	Standard Class	Home Office	United States	Los Angeles	California	90004	West	Office Supplies	Binders	OFF-BI-10001670	150
2472	2022-01-01 00:00:00	Standard Class	Consumer	United States	Fayetteville	North Carolina	28314	South	Furniture	Bookcases	FUR-BO-10002213	410
9663	2022-01-01 00:00:00	Standard Class	Home Office	United States	Santa Barbara	California	93101	West	Technology	Phones	TEC-PH-10001760	430
1203	2022-01-01 00:00:00	Standard Class	Corporate	United States	Denver	Colorado	80219	West	Furniture	Chairs	FUR-CH-10002331	770
4279	2022-01-01 00:00:00	Standard Class	Corporate	United States	Lakewood	New Jersey	8701	East	Furniture	Furnishings	FUR-FU-10000550	10
8388	2022-01-01 00:00:00	Standard Class	Consumer	United States	Manchester	Connecticut	6040	East	Office Supplies	Storage	OFF-ST-10001328	60
6563	2022-01-01 00:00:00	Standard Class	Consumer	United States	Lawrence	Massachusetts	1841	East	Office Supplies	Binders	OFF-BI-10001078	20
3778	2022-01-01 00:00:00	Standard Class	Home Office	United States	Chula Vista	California	91911	West	Furniture	Furnishings	FUR-FU-10002298	620

2. Extracting months from Order_date



SQL File 6* | Sql Practice | SQL_Practice*

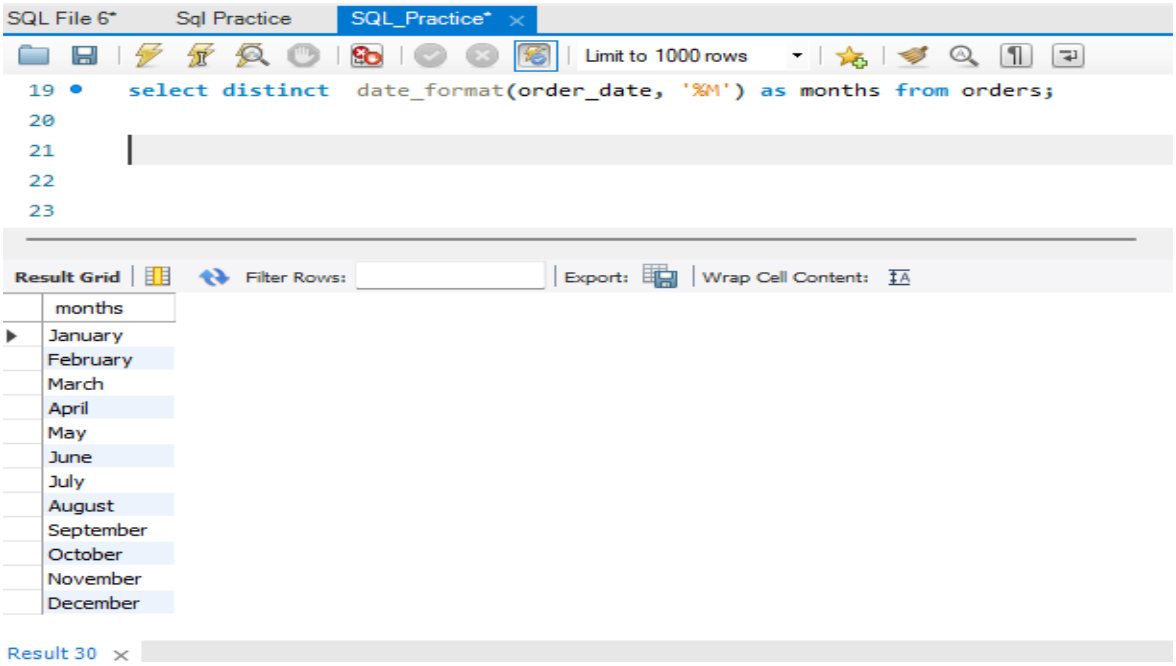
```
10
11
12
13 •  select distinct extract(month from order_date) as Months from orders;
14
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

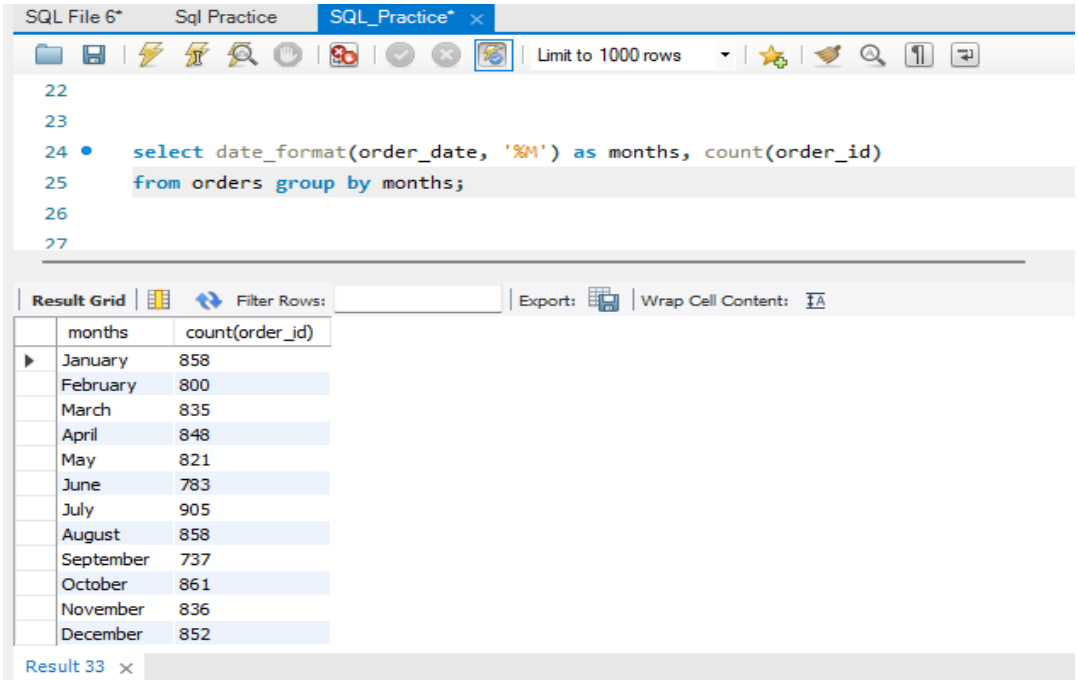
Months
1
2
3
4
5
6
7
8
9
10
11
12

Result 29

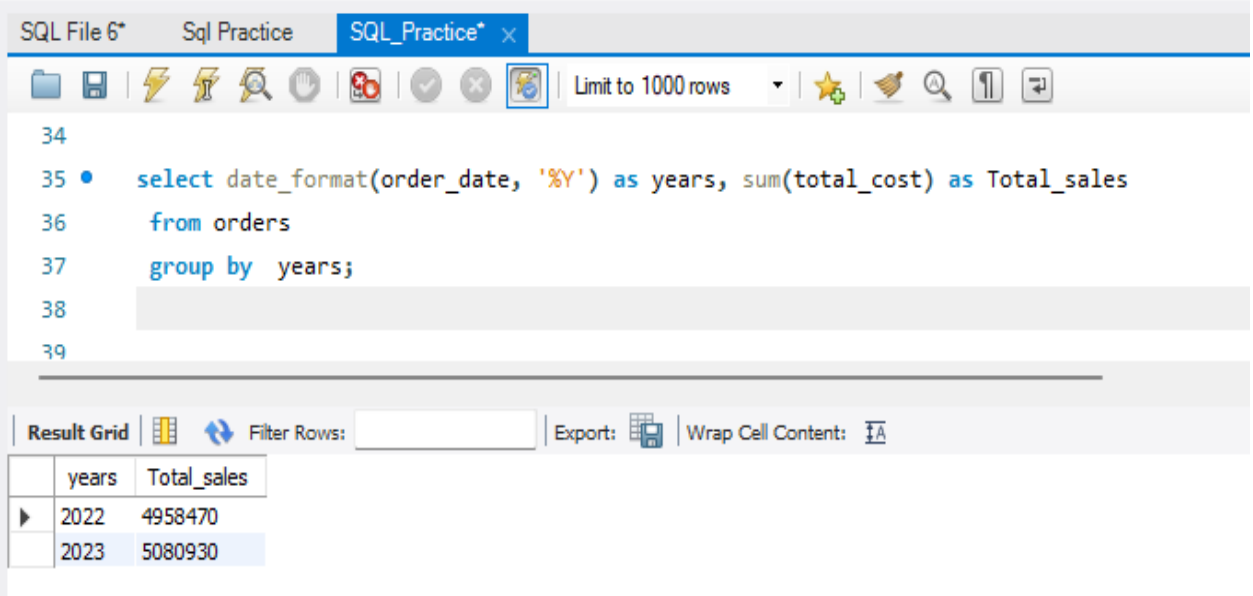
3. Extracting distinct month names from the data



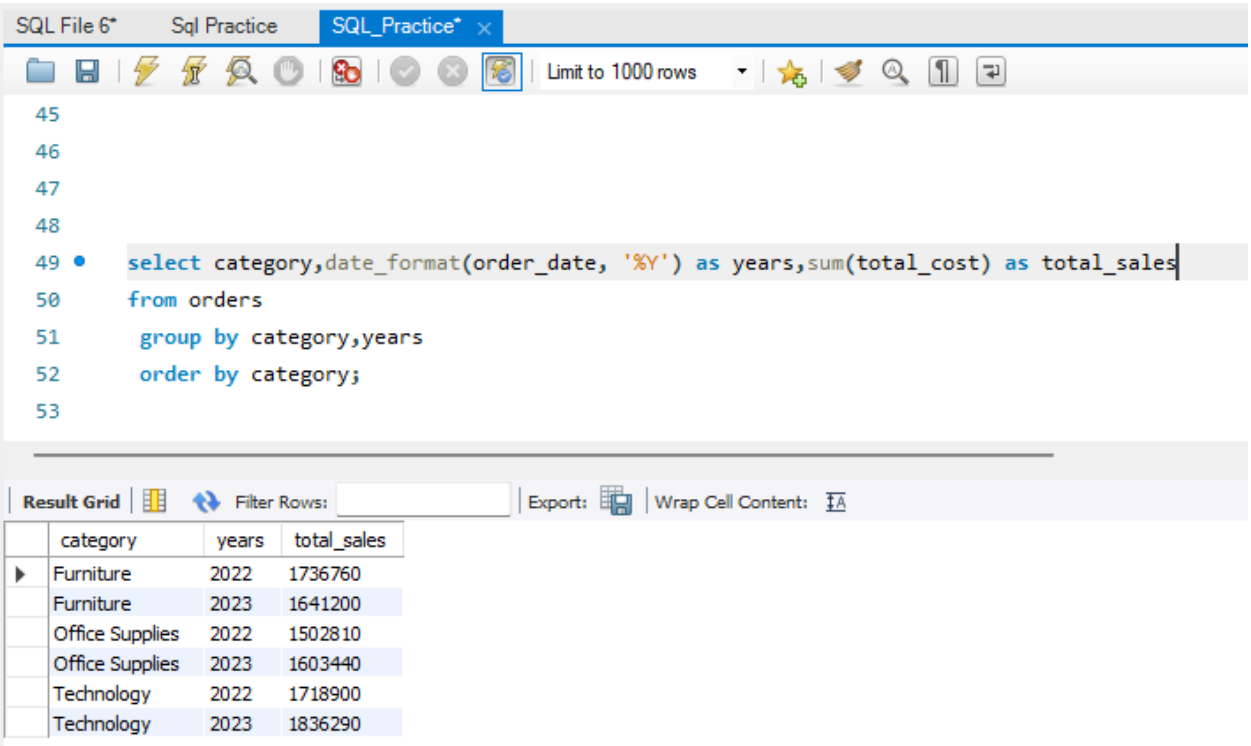
4. Total number of products ordered in each month for 2 years



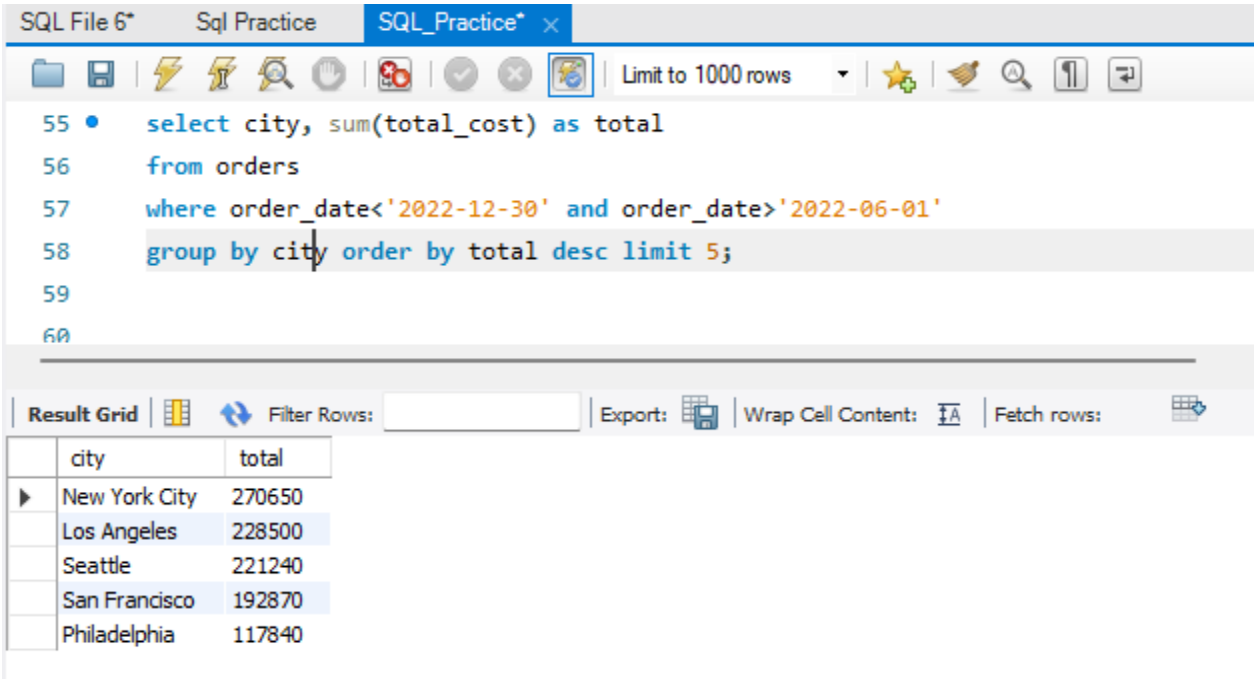
5. Total sales in each particular year



6. Total sales from each category in each year

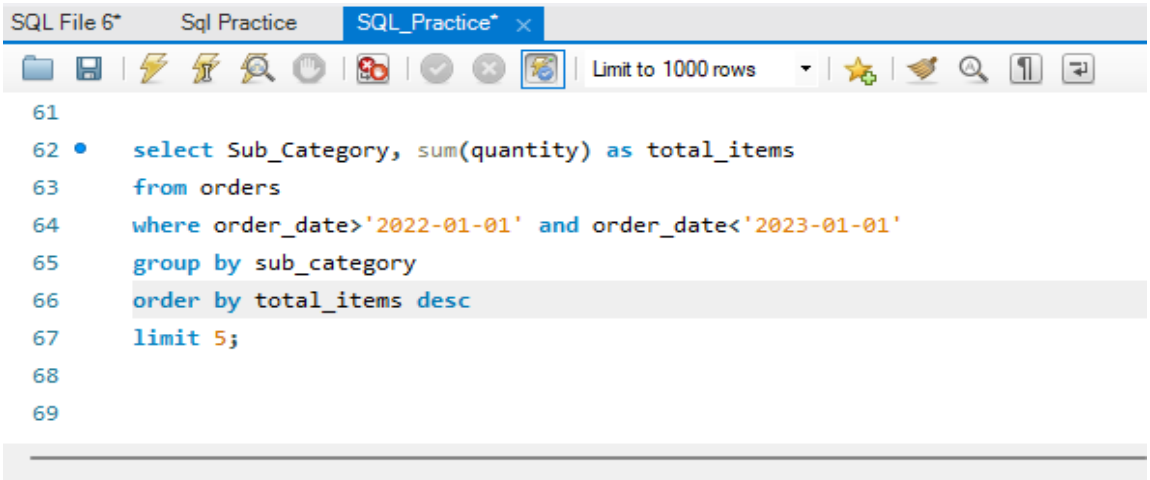


7. Top 5 most contributing cities in sales in 2nd half of the year 2022



city	total
New York City	270650
Los Angeles	228500
Seattle	221240
San Francisco	192870
Philadelphia	117840

8. Top 5 Sub Categories by Revenue



Sub_Category	total_items
Binders	3034
Paper	2620
Furnishings	1850
Phones	1613
Storage	1573

9. Orders Count by Ship Mode