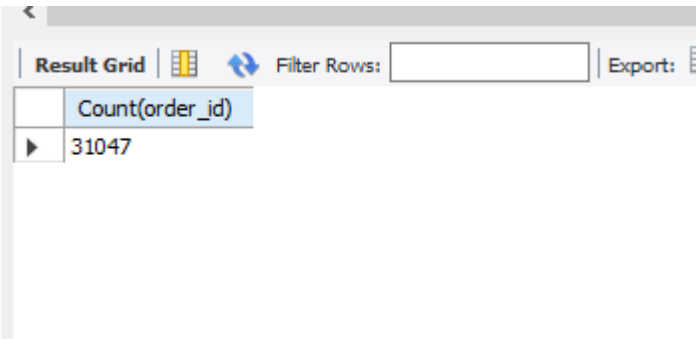
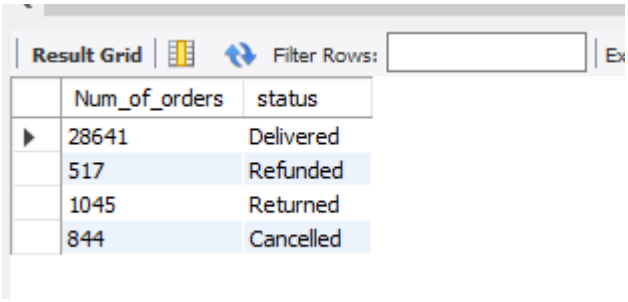
```
Create Database Online_sales;

use Online_sales;

create table Sales_data (

S_no int,

Order_ID text not null,

Cust_ID int,

Gender text,

Age      int,

Order_Date date,

Status text,

Channel text,

Product_ID text,

Category text,

Size text,

Qty int,

currency text,

Amount int,

ship_city text,

ship_state text,

ship_postal_code int,

ship_country text,

B2B text);


-- What is the total number of orders placed?

Select distinct Count(order_id) from sales_data;
```



-- Show Count of Orders on Basis of there Status?

Select count(order_id) as Num_of_orders, status from sales_data group by status;

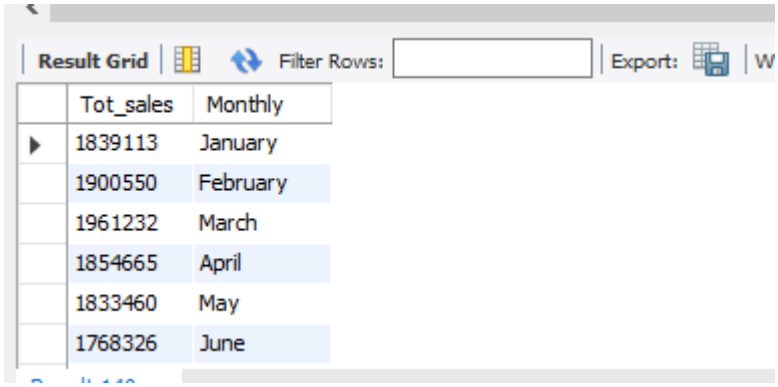


Result Grid | Filter Rows: | Ex

Num_of_orders	status
28641	Delivered
517	Refunded
1045	Returned
844	Cancelled

-- Show Montly Sales Generated

Select sum(amount*qty) as Tot_sales, monthname(order_Date)as Monthly from sales_data group by monthname(order_Date);



Result Grid | Filter Rows: | Export: | W

Tot_sales	Monthly
1839113	January
1900550	February
1961232	March
1854665	April
1833460	May
1768326	June

-- Show Channel wise Sales generation.

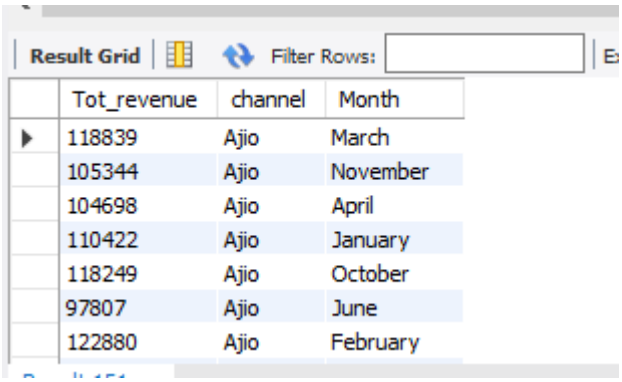
Select sum(amount*qty) as Tot_sales, channel from sales_data group by channel order by Tot_sales desc;

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

Tot_sales	channel
7597925	Amazon
5002184	Myntra
4647811	Flipkart
1355071	Ajio
1021353	Nalli
933892	Meesho
882973	Others

-- Show Monthly Channel wise Sales.

Select sum(amount) as Tot_revenue,channel,monthname(order_Date)as Month from sales_data group by monthname(order_Date),channel order by channel asc;

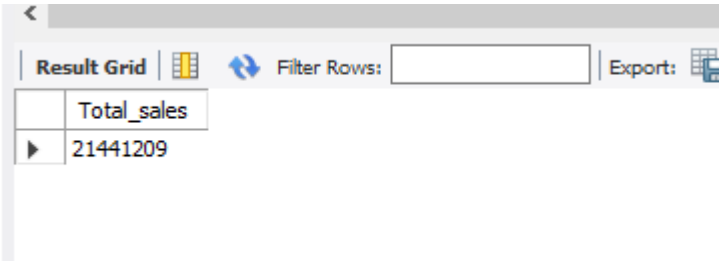


Result Grid | Filter Rows:

Tot_revenue	channel	Month
118839	Ajio	March
105344	Ajio	November
104698	Ajio	April
110422	Ajio	January
118249	Ajio	October
97807	Ajio	June
122880	Ajio	February

-- What is the total sales amount?

Select sum(amount*qty) as Total_sales from sales_data;

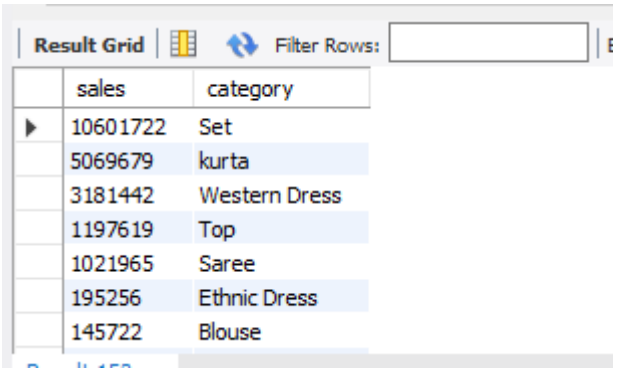


Result Grid | Filter Rows: | Export:

Total_sales
21441209

-- What are the top 10 best-selling products category along with sales?

Select sum(amount*qty) as sales, category from sales_data group by category order by sales desc limit 10;

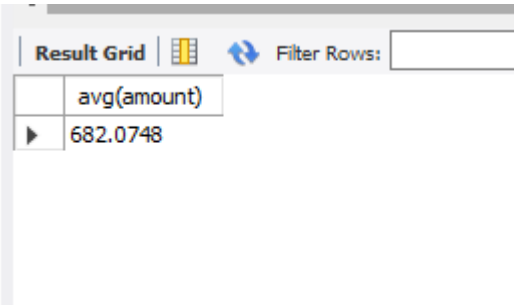


Result Grid | Filter Rows:

sales	category
10601722	Set
5069679	kurta
3181442	Western Dress
1197619	Top
1021965	Saree
195256	Ethnic Dress
145722	Blouse

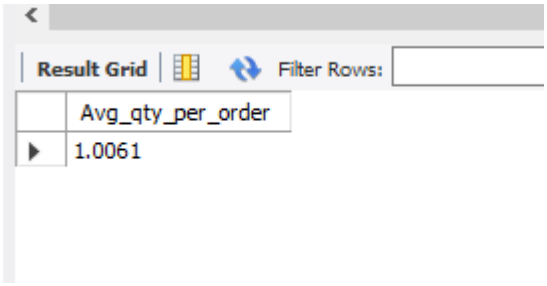
-- What is the average order value?

Select avg(amount) from sales_data;



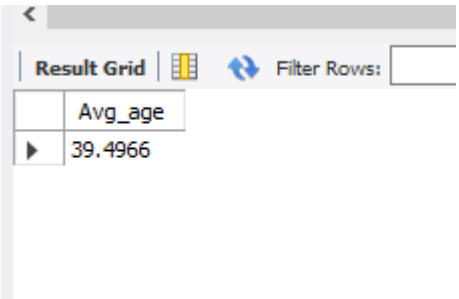
-- What is the average quantity of items per order?

Select avg(qty) as Avg_qty_per_order from sales_data;



-- What is the average age of customer?

select avg(age) as Avg_age from sales_data;

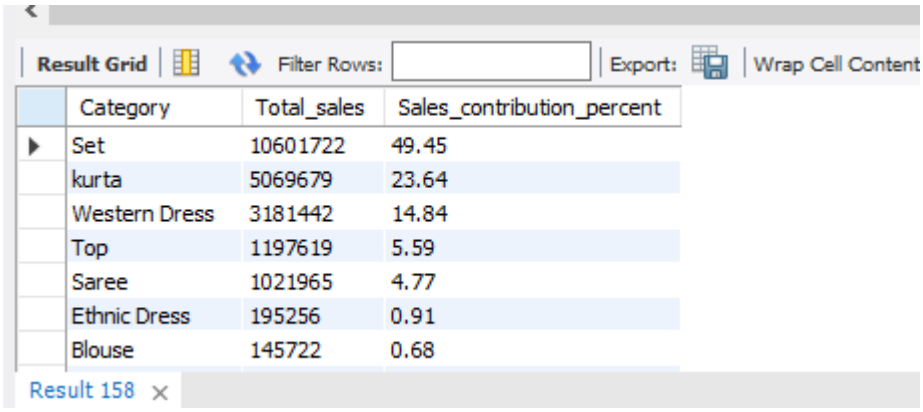


-- Show Sales data on basis of Gender.

Select sum(amount*qty) as sales, gender from sales_data group by gender;

-- What is the category-wise sales contribution?

Select Category,sum(qty*amount) as Total_sales,round((sum(qty*amount)/(Select sum(qty*amount) from sales_data) * 100),2) as Sales_contribution_percent from sales_data group by Category order by Total_sales desc;



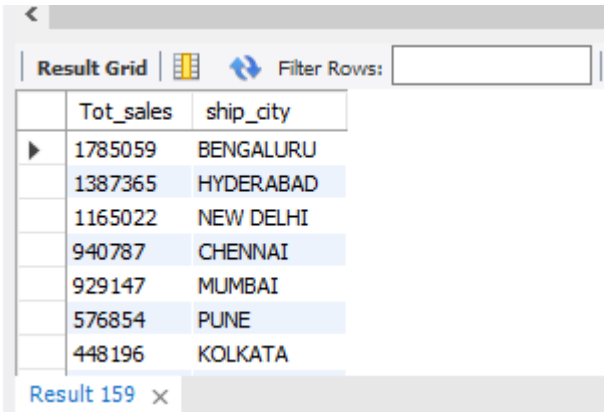
Result Grid | Filter Rows: | Export: | Wrap Cell Content

Category	Total_sales	Sales_contribution_percent
Set	10601722	49.45
kurta	5069679	23.64
Western Dress	3181442	14.84
Top	1197619	5.59
Saree	1021965	4.77
Ethnic Dress	195256	0.91
Blouse	145722	0.68

Result 158

-- Top 10 sales generating cities with total sales.

Select sum(amount*qty) as Tot_sales, ship_city from sales_data group by ship_city order by Tot_sales desc limit 10;



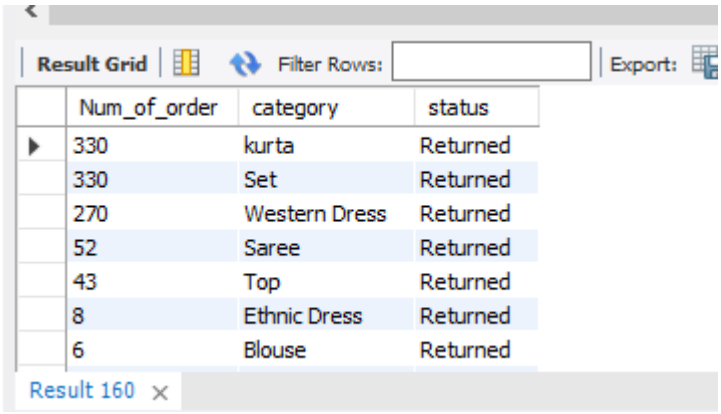
Result Grid | Filter Rows:

Tot_sales	ship_city
1785059	BENGALURU
1387365	HYDERABAD
1165022	NEW DELHI
940787	CHENNAI
929147	MUMBAI
576854	PUNE
448196	KOLKATA

Result 159

-- Which category products are most frequently returned ?

Select count(order_id) as Num_of_order,category, status from sales_data where status ="returned" group by category order by Num_of_order desc;



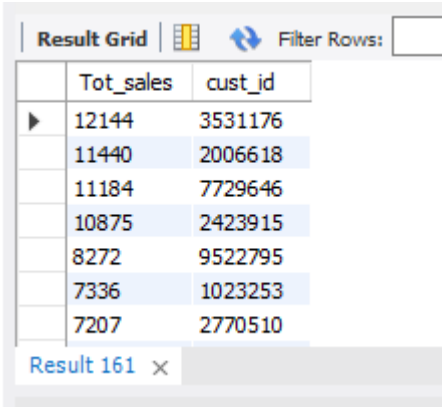
Result Grid | Filter Rows: | Export:

Num_of_order	category	status
330	kurta	Returned
330	Set	Returned
270	Western Dress	Returned
52	Saree	Returned
43	Top	Returned
8	Ethnic Dress	Returned
6	Blouse	Returned

Result 160

-- Who are the top 10 customers by total spend?

Select Sum(amount*qty) as Tot_sales, cust_id from Sales_data group by cust_id order by Tot_sales desc limit 10;



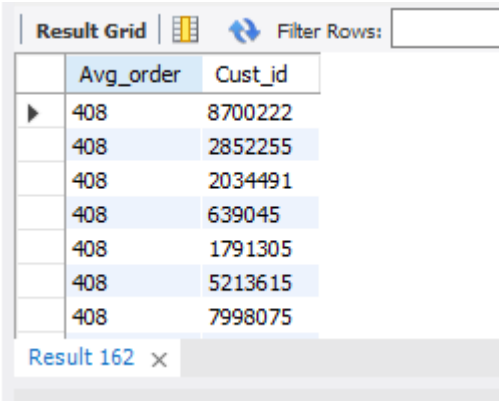
Result Grid | Filter Rows:

Tot_sales	cust_id
12144	3531176
11440	2006618
11184	7729646
10875	2423915
8272	9522795
7336	1023253
7207	2770510

Result 161

-- What is the average number of orders per customer?

Select Avg(order_id) as Avg_order, Cust_id from sales_data group by cust_id order by Avg_order desc;



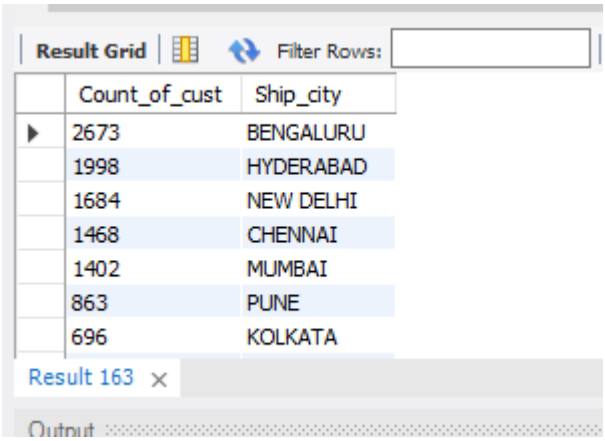
Result Grid | Filter Rows:

Avg_order	Cust_id
408	8700222
408	2852255
408	2034491
408	639045
408	1791305
408	5213615
408	7998075

Result 162

-- What is the geographical distribution of customers?

Select count(Cust_id) as Count_of_cust, Ship_city from sales_data group by ship_city order by Count_of_cust desc;



Result Grid | Filter Rows:

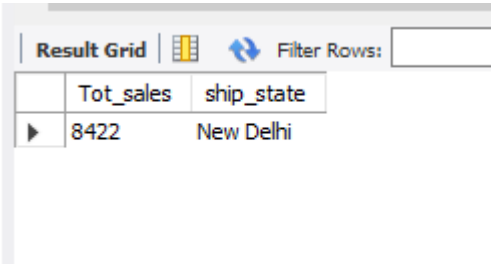
Count_of_cust	Ship_city
2673	BENGALURU
1998	HYDERABAD
1684	NEW DELHI
1468	CHENNAI
1402	MUMBAI
863	PUNE
696	KOLKATA

Result 163

Output

-- Which is Least Performing State?

Select sum(amount*qty) as Tot_sales, ship_state from sales_data group by ship_state order by Tot_sales asc limit 1;

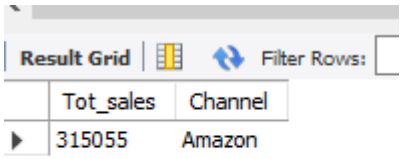


Result Grid | Filter Rows:

Tot_sales	ship_state
8422	New Delhi

-- Which Channel generated Most sales at Mumbai Location?

Select Sum(Qty*amount) as Tot_sales, Channel from Sales_data where ship_city="Mumbai" group by channel order by Tot_sales desc limit 1;



Result Grid | Filter Rows:

Tot_sales	Channel
315055	Amazon