a. Calculate total sales per year?

Ans- Select year_id, sum(sales) as total_sales from sales_order_orc group by year_id;

b. Find a product for which maximum orders were placed?

Ans- Select sum(quantityordered) as order, productline from sales_order_orc group by productline order by order desc limit 1;

c. Calculate the total sales for each quarter?

Ans- select QTR_ID, sum(sales) as total_sales from sales_order_orc group by QTR_ID;

d. In which quarter sales was minimum?

Ans- Select QTR_ID, sum(sales) as total_sales from sales_order_orc group by QTR_ID order by total_sales limit 1;

e. In which country sales was maximum and in which country sales was minimum?

Ans-

1.Minimum

Select country, min_sales from (select country, sum(sales) as min_sales, row_number () over (partition by country) as Rn from sales_order_orc group by country order by min_sales limit 1)t where Rn=1;

2.Maximum

Select country, max_sales from (select country, sum(sales) as max_sales, row_number () over (partition by country) as Rn from sales_order_orc group by country order by max_sales desc limit 1)t where Rn=1;

f. Calculate quartelry sales for each city?

Ans- Select city, QTR_ID, sum(sales) from sales_order_orc group by city, QTR_ID;

g. Find a month for each year in which maximum number of quantities were sold?

Ans- Select year_id, month_id, sum(quantityordered) as quantity from sales_order_orc group by year_id, month_id order by quantity desc limit 4;