1. Query to get Store in which highest Sales was recorded:

select count(OrderNumber) as TotalOrders, StoreDetails.storekey from SalesDetails join StoreDetails on SalesDetails.Storekey = StoreDetails.StoreKey group by SalesDetails.StoreKey order by count(OrderNumber) desc limit 1 offset 1;

2. Query to get Oldest Store

select \* from StoreDetails order by OpenDate

3. Query to get Newest Stores

select \* from StoreDetails order by OpenDate desc

4. Query to get Largest Store

Select \* from StoreDetails order by Area desc limit 10;

5. Query to get Smallest Store

Select \* from StoreDetails order by Area limit 10;

6. Query to get Top 10 Customer who purchased more products

select name from customerdetails where customerkey in (select CustomerDetails.customerkey from SalesDetails

join CustomerDetails on SalesDetails.customerkey = CustomerDetails.customerkey group by CustomerKey order by count(ordernumber) desc) limit 10;

7. Query to get 10 Customer who purchased least products

select name from customerdetails where customerkey in (select CustomerDetails.customerkey from SalesDetails

join CustomerDetails on SalesDetails.customerkey = CustomerDetails.customerkey group by CustomerKey order by count(ordernumber)) limit 10;

8. Query to get City with highest no. of customers

select count(customerkey) as TotalCustomers,City from customerdetails group by City order by TotalCustomers desc;

9. Query to get Highest sold product

select Productname from productdetails where productkey in (select productkey from Salesdetails group by Productkey order by count(ordernumber) desc) limit 1;

10. Query to get Least sold product

select Productname from productdetails where productkey in (select productkey from Salesdetails group by Productkey order by count(ordernumber) desc) limit 1;

11. Query to get Brand and its count of products

select count(productkey),brand from productdetails group by brand order by count(productkey) desc;

12. Query to get Product Price, Cost, Margin and Profit Percentage

select ProductName,Unitcost, UnitPrice, (Unitprice - UnitCost) as Margin,((Unitprice - UnitCost)/Unitcost)\*100 as ProfitPercentage from ProductDetails order by ProfitPercentage desc;

13. Query to get Top Selling Brand

select brand,count(orderNumber) as TotalOrders from SalesDetails join ProductDetails on SalesDetails.productkey=ProductDetails.productkey

group by brand order by TotalOrders desc limit 1;

14. Query to get Least Selling Brand

select brand,count(orderNumber) as TotalOrders from SalesDetails join ProductDetails on SalesDetails.productkey=ProductDetails.productkey

group by brand order by TotalOrders limit 1;

15. Query to get Total Sales by year

select count(Ordernumber)as Totalorder, year(orderdate) as SalesYear from Salesdetails group by SalesYear;

16. Query to get Average sales by month

select round(count(Ordernumber)/6,2) as Averageorders, month(orderdate) as SalesMonth from Salesdetails group by SalesMonth;