

Task-2 Basic Analysis

Write the SQL Queries for following.

A. Find the Total and average Sales (display Total Sales and avg-Sales)

Use Superstore.db;

Select Sum(Sales) from Market-fact;
Select avg(Sales) from Market-fact;

B. Display the Number of customers in each Region in decreasing order of No.-of-customer

Select Region, Count(*) as No of customers
from cust-dimen
Group by Region
Order by No.-of-customer desc (or)

Select Region, Count(customer-Name) as No.-of
Customers
from cust-dimen
Group by Region
order by No.-of-customer desc;

C. Find the Region having Maximum customers (display Region name and Max (No.-of-customer)

Select Region, Count(*) as No.-of-customer
from cust-dimen

Group by Region order by No.-of-customer
DESC limit 1;

D. Find the Number of id Products Sold
in decreasing order of Products Sold
(display product id, No. of Products Sold)

Select Prod-id + Sum (order Quantity) as
No. of Products Sold from Market fact

Group by product id

Order by No. of Products Sold desc;

E. Find all the customers from Atlantic
Region who have ever purchased "TABLES"
and the Number of Tables purchased (display
the Customer Name, No. of Tables purchased)

Select customer Name, Sum (order Quantity) as
Num. Tables

from Market facts, Cust dimension, Prod dimension

Where s Cust-id = Custid and

Prod id = Prod id and

Product Sub category = "TABLES" and

Region = "ATLANTIC"

Group by customer Name: