

Task 2: Basic Analysis:

Write the SQL queries for the following.

A: Find the total and the Avg sales (display total sales and Avg sales)

- use Superstoredb;
- select sum(sales) from market fact;
- select Avg(sales) from market fact;

B: Display the no of customers in each region in decreasing order of the customers

- select Region, count(*) as no_of_customers from cust_dimen group by Region order by no_of_customers desc;

C: Find the region having maximum customers.
C1 Display the region name and max (no of cust)
• Select Region, count(*) as no-of-customers
from cust_dimen group by Region order by
no-of-customers Desc;

D: Find the number and id of products sold
in decreasing order of product sold (display
product id, no of products sold)

• Select prod_id, sum (order quantity) as
no-of-products-sold from market-fact
group by prod_id order by no-of-products
- sold desc

E: Find all customers from Atlantic region
who have ever purchased 'Tables' and the
no of tables purchased (display the customer
name, no-of-tables purchased)

• Select customer_name, sum (order quantity)
as num-tables from market-facts, cust_dimen,
prod_dimen p where s.cust-id = cust-id and
p-product-sub-category = 'Tables' and
c-Region = 'Atlantic' group by customer name