

ASSIGNMENT - I

TASK-1:

A. DATA

Data is information, refers to the raw, unprocessed and unorganized facts, figures and symbols collected from various sources.

B. Cust-dimen
Primary Key - Cust-id
Foreign Key - Customer-name

TASK-2:

A. Find the Total and the average Sales

Use SuperStoredb;

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 customers. The Result should contain columns Region, no of customers.

Select Region, count (*) as no-of. customers

from cust-dimen

group by Region

order by no of customers desc;

(or)

Select Region, Count (Customer Name) as no of customers
from cust_dimen
Group by Region
order by no of customers desc;

- C. Find the Region having maximum customers (display the region name and max (no of customers))

Select Region, Count (*) as no of customers from
Cust_dimen group by Region order by no of customers
DESC limit 1 ;

- D. Find the number and id of 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 Prod_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_dimen c, prod_dimen P
where s. cust_id = c. cust_id and s. prod_id = P. prod_id
and P. Product Sub Category = 'TABLES' and c. Region =
'ATLANTIC' group by Customer name ;