**Super Market Sales Report**

The Ms Sql setup

I created a database name supermarket

And imported a given csv file ‘supermarket\_sales’

I modified data types and decreased the round up values 2 decimal places for this

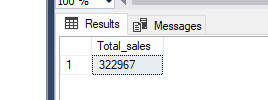
I created a view with name of ‘vsupermarket\_sales’ with updating data

**1.Total Sales:**

Query:

select round (sum (Total\_sales),0) as 'Total\_sales'

From vsupermarket\_sales

Result:

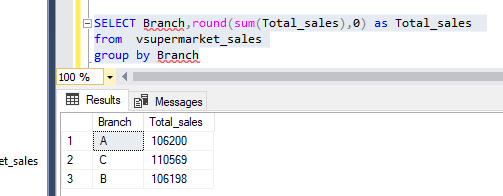
**2. Sales distribution by branch:**

Query:

SELECT Branch, round (sum (Total\_sales),0) as Total\_sales

from vsupermarket\_sales

group by Branch

 Result:

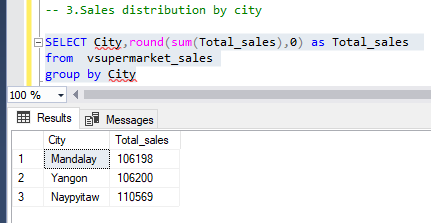
**3.Sales distribution by city:**

Query:

SELECT City, round (sum (Total\_sales),0) as Total\_sales

from vsupermarket\_sales

group by City

 Result:

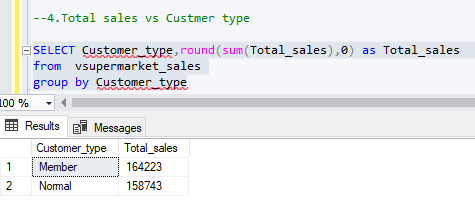
**4.Total sales vs Customer type:**

Query:

SELECT Customer\_type, round (sum (Total\_sales),0) as Total\_sales

from vsupermarket\_sales

group by Customer\_type

 Result:

**5.Sales distribution by product line:**

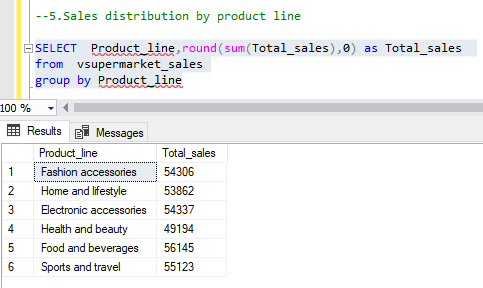
Query:

SELECT Product\_line, round (sum (Total\_sales),0) as Total\_sales

from vsupermarket\_sales

group by Product\_line

Result:



**6.Percentage of sales distribution by Gender:**

Query:

SELECT Gender,

SUM(Total\_sales) AS Total\_Sales,

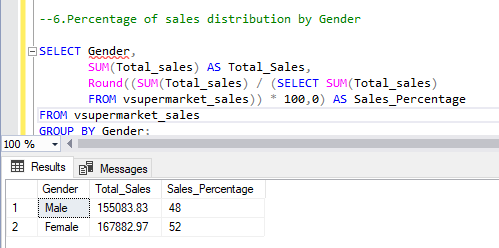
Round((SUM(Total\_sales) / (SELECT SUM(Total\_sales)

FROM vsupermarket\_sales)) \* 100,0) AS Sales\_Percentage

FROM vsupermarket\_sales

GROUP BY Gender;

Result:



**7.Sales distribution by month:**

Query:

SELECT

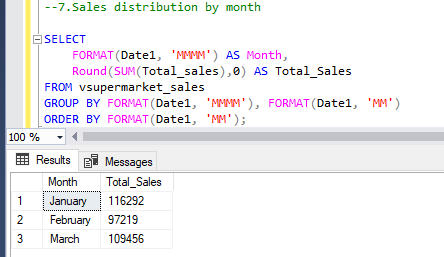
FORMAT (Date1, 'MMMM') AS Month,

Round (SUM(Total\_sales),0) AS Total\_Sales

FROM vsupermarket\_sales

GROUP BY FORMAT (Date1, 'MMMM'), FORMAT (Date1, 'MM')

ORDER BY FORMAT (Date1, 'MM');

 Result:

**8.Percentage of payment distribution by Payment method:**

Methods we have

1.Cash

2.Credit card

3.Ewallet

Query:

SELECT Payment,

SUM(Total\_sales) AS Total\_Sales,

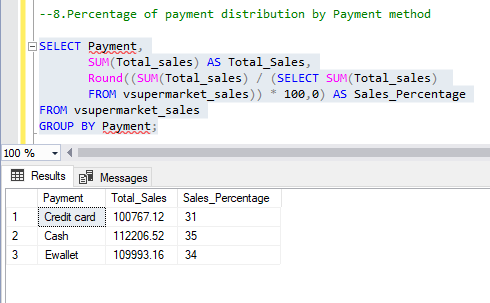
Round((SUM(Total\_sales) / (SELECT SUM(Total\_sales)

FROM vsupermarket\_sales)) \* 100,0) AS Sales\_Percentage

FROM vsupermarket\_sales

GROUP BY Payment;

Result:



**9.Ratings vs Total sales:**

Query:

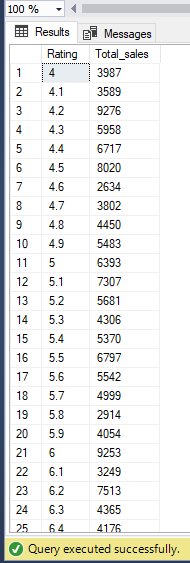
SELECT Rating, round (sum (Total\_sales),0) as Total\_sales

from vsupermarket\_sales

group by Rating

order by Rating

Result:



**Conclusions:**

1.the sale in the branch ‘A’ & ‘B’ little less when compared to the branch ‘c’

2.in products which are related to food and beverages have high sales.

3.in payment method cash have little high priority