

SuperStore Supermarket SQL Analysis

Total sales per category do determine who is bringing more revenue in the business

```
SELECT
    Category,
    SUM(Sales) as total_revenue
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
GROUP BY Category.
```

Calculating the cost of the products per category

```
SELECT
    Category,
    ROUND(Sales - Profit) as cost_product
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
GROUP BY Category, Sales, Profit
```

-Determining the unit price of the product

```
SELECT
    Sub_Category,
    ROUND((Sales/Quantity)) as UnitPrice
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
GROUP BY Sub_Category, Quantity, Sales;
```

Total Sales

```
SELECT
    SUM ((Sales/Quantity) *Quantity) total_revenue
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`;
```

The total sales figure of 2297200.86 indicates that the store has generated a significant amount of revenue over a given period of time

Profit Calculation

```
SELECT
    (SUM ((Sales/Quantity) *Quantity))-(sum (Sales - Profit)) as total_profit
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`;
```

Profit per category

```
SELECT
    Sub_Category,
    (sum ((Sales/Quantity) *Quantity))-(sum (Sales - Profit)) as profit
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
GROUP BY Sub_Category;
```

Top 5 cities that buys at superstore supermarket

```
SELECT
    City,
    COUNT(Ship_Mode) total_shipping
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
GROUP BY City
ORDER BY total_shipping DESC
Limit 5;
```

Determine which product purchased more than times

```
SELECT
    Sub_Category,
    Ship_Mode,
    COUNT(Sub_Category) as total_products_purchased.
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
GROUP BY Sub_Category,Ship_Mode
ORDER BY total_products_purchased desc
```

Average value of Sales buying at Super store

```
SELECT
    SUM (Sales) as total_sales,
    AVG(Sales) as Avg_products_sold --229.85
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
ORDER BY Avg_products_sold
```

The average sales figure of 229.85 suggests that the store may have a relatively high average transaction value, meaning that customers are purchasing a relatively large number of items or higher-priced items per transaction

Average number of customers doing purchases

```
SELECT
    ROUND(AVG(total_shipping),2) as average customers
from
(SELECT
    sales,
    COUNT(Ship_Mode) total_shipping
FROM `capable-memory-340309.Pizza_Dataset.SuperStore_Supermarket`
GROUP BY sales
ORDER BY total_shipping)--1.72
customers are not buying a lot of products during their visit to the store
```