**MY SQL QUERIES**

**SUPER STORE SALES PROJECT**

create database super\_store\_sales;

select \* from superstoresales;

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Data Cleaning

set SQL\_Safe\_Updates=0;

**CONVERT DATE (order\_date) COLUMN TO PROPER DATE FORMAT**

update superstoresales

set Order\_Date= str\_to\_date(Order\_date,'%m/%d/%Y');

UPDATE superstoresales

SET Order\_Date = DATE\_FORMAT(Order\_Date, '%d-%m-%Y');

update superstoresales

set Order\_Date= str\_to\_date(Order\_date,'%d-%m-%Y');

**ALTER DATE (order\_date) COLUMN TO DATE DATA TYPE**

alter table superstoresales

modify column Order\_Date date;

**CONVERT DATE (ship\_date) COLUMN TO PROPER DATE FORMAT**

update superstoresales

set Ship\_Date= str\_to\_date(Ship\_date,'%m/%d/%Y');

UPDATE superstoresales

SET Ship\_Date = DATE\_FORMAT(Ship\_Date, '%d-%m-%Y');

update superstoresales

set Ship\_Date= str\_to\_date(Ship\_date,'%d-%m-%Y');

**ALTER DATE (ship\_date) COLUMN TO DATE DATA TYPE**

alter table superstoresales

modify column Ship\_Date date;

describe superstoresales;

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**TOTAL SALES:**

1. **Total Sales for 2019**

select round(sum(sales),1) as Total\_sales

from superstoresales

where

year(Order\_Date)=2019;

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1. **Total Sales for 2020**

select round(sum(sales),1) as Total\_sales

from superstoresales

where

year(Order\_Date)=2020;

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1. **Total Sales for both Year**

select round(sum(sales),1) as Total\_sales

from superstoresales;

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**TOTAL PROFIT:**

1. **Total Profit for 2019**

select round(sum(Profit),1) as Total\_profit

from superstoresales

where

year(Order\_Date)=2019;

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1. **Total Profit for 2020**

select round(sum(Profit),1) as Total\_profit

from superstoresales

where

year(Order\_Date)=2020;

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1. **Total Profit for both Year**

select round(sum(Profit),1) as Total\_profit

from superstoresales;

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**TOTAL Quantity:**

1. **Total Quantity for 2019**

select round(sum(Quantity),1) as Total\_qty

from superstoresales

where

year(Order\_Date)=2019;

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1. **Total Quantity For 2020**

select round(sum(Quantity),1) as Total\_qty

from superstoresales

where

year(Order\_Date)=2020;

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1. **Total Quantity For Both Year**

select round(sum(Quantity),1) as Total\_qty

from superstoresales;

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**Total Sales by State for 2019**

select \* from superstoresales;

SELECT

State,

SUM(Sales) as Total\_Sales

FROM superstoresales

WHERE

year(Order\_Date) =2019

GROUP BY State

ORDER BY SUM(Sales) DESC;

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**Total Sales by State for 2020**

SELECT

State,

SUM(Sales) as Total\_Sales

FROM superstoresales

WHERE

year(Order\_Date) =2020

GROUP BY State

ORDER BY SUM(Sales) DESC;

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**Total Sales by State**

SELECT

State,

SUM(Sales) as Total\_Sales

FROM superstoresales

GROUP BY State

ORDER BY SUM(Sales) DESC;

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**Total Sales by Category**

SELECT

Category,

SUM(Sales) as Total\_Sales

FROM superstoresales

GROUP BY Category

ORDER BY SUM(Sales) DESC;

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**Total Sales by Sub\_Category**

SELECT

Sub\_Category,

SUM(Sales) as Total\_Sales

FROM superstoresales

GROUP BY Sub\_Category

ORDER BY SUM(Sales) DESC;

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**Total Sales by Ship Mode**

SELECT

Ship\_Mode,

SUM(Sales) as Total\_Sales

FROM superstoresales

GROUP BY Ship\_Mode

ORDER BY SUM(Sales) DESC;

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**Total Sales by Segment**

SELECT

Segment,

SUM(Sales) as Total\_Sales

FROM superstoresales

GROUP BY Segment

ORDER BY SUM(Sales) DESC;

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**Total Sales by Payement Mode**

SELECT

Payment\_Mode,

SUM(Sales) as Total\_Sales

FROM superstoresales

GROUP BY Payment\_Mode

ORDER BY SUM(Sales) DESC;

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**Total of Avg Delivery**

SELECT

SUM(DATEDIFF(Ship\_Date, Order\_Date)) AS TotalDeliveryDays

FROM

superstoresales

WHERE

Order\_Date IS NOT NULL

AND Ship\_Date IS NOT NULL;

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