select \* from Superstore;

select count(\*) from Superstore

where order\_date is not null;

select distinct(order\_date) from Superstore;

-- Sales by Region and Category

-- This report shows the total sales amount for each region

-- and product category combination.

SELECT Region, Category, SUM(Sales) AS TotalSales

FROM Superstore

GROUP BY Region, Category

ORDER BY TotalSales DESC

-- Customer Sales by Month

-- This report shows the total sales amount for each customer by month.

-- Data Cleaning first

UPDATE Superstore

SET Order\_Date = CONVERT(VARCHAR(10), CONVERT(DATE, Order\_Date, 105), 120)

WHERE Order\_Date IS NOT NULL

ALTER TABLE Superstore

ALTER COLUMN Order\_Date DATE NULL;

SELECT Customer\_Name, YEAR(Order\_Date) AS Year, MONTH(Order\_Date) AS Month, SUM(Sales) AS TotalSales

FROM Superstore

GROUP BY Customer\_Name, YEAR(Order\_Date), MONTH(Order\_Date)

ORDER BY TotalSales DESC

-- Sales by Sub-Category and Ship Mode

-- This report shows the total sales amount for each sub-category and

-- ship mode combination.

SELECT Sub\_Category, Ship\_Mode, CAST(SUM(Sales) AS DECIMAL(10,2)) AS TotalSales

FROM Superstore

GROUP BY Sub\_Category, Ship\_Mode

ORDER BY TotalSales DESC

-- Top 10 Products by Sales

-- This report shows the top 10 best-selling products by sales amount.

SELECT TOP 10 Product\_Name, CAST(SUM(Sales) AS DECIMAL(10,2)) AS TotalSales

FROM Superstore

GROUP BY Product\_Name

ORDER BY TotalSales DESC