SQL COMMANDS FOR SALES DATA

* Create database LITA\_Project\_1

1. Total sales for each product category

SELECT

Product,

SUM(sales) AS TotalSales

FROM

SQLSalesdata

GROUP BY

Product;

1. Number of sales transactions in each region

SELECT

Region,

COUNT(\*) AS TransactionCount

FROM

SQLSalesdata

GROUP BY

Region;

1. Highest-selling product by total sales value

SELECT

Product,

SUM(Sales) AS TotalSales

FROM

SQLSalesdata

GROUP BY

Product

ORDER BY

TotalSales DESC

1. Total revenue per product

SELECT

Product,

SUM(Sales) AS TotalRevenue

FROM

SQLSalesdata

GROUP BY

Product;

1. Monthly sales totals for the current year

SELECT

MONTH(orderDate) AS Month,

SUM(Sales) AS MonthlyTotalSales

FROM

SQLSalesdata

WHERE

YEAR(OrderDate) = YEAR(OrderDate)

GROUP BY

MONTH(orderDate)

ORDER BY

Month;

1. Top 5 customers by total purchase amount

SELECT

Customer\_ID,

SUM(Sales) AS TotalPurchase

FROM

SQLSalesdata

GROUP BY

Customer\_ID

ORDER BY

TotalPurchase DESC

1. Percentage of total sales contributed by each region

WITH TotalSales AS (

SELECT SUM(Sales) AS TotalSalesAmount FROM SQLSalesdata

)

SELECT

Region,

SUM(Sales) AS RegionSales,

(SUM(Sales) / (SELECT TotalSalesAmount FROM TotalSales) \* 100) AS PercentageOfTotalSales

FROM

SQLSalesdata

GROUP BY

Region;

1. Products with no sales in the last quarter

SELECT

Product

FROM

SQLSalesdata

GROUP BY

Product

HAVING

MAX(OrderDate) < orderdate\_SUB(CURRENT\_DATE, INTERVAL 3 MONTH);