**CoreLogic SQL queries**

**A.KPI’S**

**1. Total Revenue:**

SELECT SUM(total\_price) AS total\_revenue FROM corelogic  


**2.Average Order Value:**

SELECT SUM(total\_price)/COUNT(DISTINCT customer\_id) AS avg\_order\_value FROM corelogic



**3. Total Devices Sold:**

SELECT SUM(quantity) AS total\_devices\_sold FROM corelogic;



**4. Total Orders:**

SELECT COUNT(DISTINCT customer\_id) AS total\_orders FROM corelogic;



**5. Average Devices per Order:**

SELECT CAST(SUM(quantity)/ COUNT(DISTINCT customer\_id) AS DECIMAL(10,2)) AS average\_devices\_per\_order FROM corelogic;



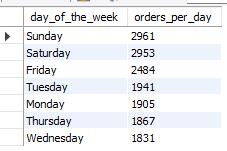
**B. CHARTS:**

**1.Daily Trend for Total Orders:**

SELECT DAYNAME(purchase\_date) AS day\_of\_the\_week, COUNT(DISTINCT customer\_id) AS orders\_per\_day FROM corelogic

GROUP BY DAYNAME(purchase\_date)

ORDER BY orders\_per\_day DESC



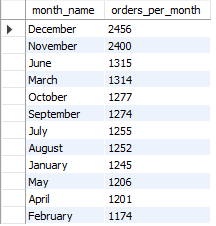
**2. Monthly Trend for Total Orders:**

SELECT MONTHNAME(purchase\_date) as month\_name, COUNT(DISTINCT customer\_id) as orders\_per\_month

FROM corelogic

GROUP BY MONTHNAME(purchase\_date)

ORDER BY orders\_per\_month DESC;



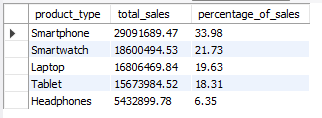
**3.Percentage of Sales by Device Type:**

SELECT product\_type, SUM(total\_price) AS total\_sales, CAST(SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM corelogic) AS DECIMAL(10,2)) AS percentage\_of\_sales

FROM corelogic

GROUP BY product\_type

ORDER BY percentage\_of\_sales DESC



**4. Percentage of Sales by Age Range:**

WITH base AS (

SELECT

CASE

WHEN age BETWEEN 18 AND 30 THEN "18-30"

WHEN age BETWEEN 31 AND 40 THEN "31-40"

WHEN age BETWEEN 41 AND 50 THEN "41-50"

WHEN age BETWEEN 51 AND 65 THEN "51-65"

WHEN age BETWEEN 66 AND 100 THEN "66-100"

ELSE "Other"

END AS age\_range,

customer\_id

FROM corelogic

GROUP BY customer\_id, age

)

SELECT

age\_range,

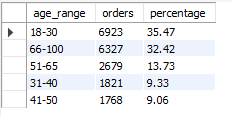
COUNT(customer\_id) AS orders,

ROUND(COUNT(customer\_id) \* 100.0 / (SELECT COUNT(\*) FROM base), 2) AS percentage

FROM base

GROUP BY age\_range

ORDER BY orders DESC;



**5. Percentage of Sales by Shipping Type:**

SELECT shipping\_type, SUM(total\_price) AS total\_sales, CAST(SUM(total\_price)\*100/(SELECT SUM(total\_price) FROM corelogic) AS DECIMAL(10,2)) AS percentage\_of\_sales

FROM corelogic

GROUP BY shipping\_type

ORDER BY percentage\_of\_sales DESC

