

# Sales Dashboard(Atliq Hardware)

985M

Revenue

2M

Sales qty

2017

2019

2018

2020

City

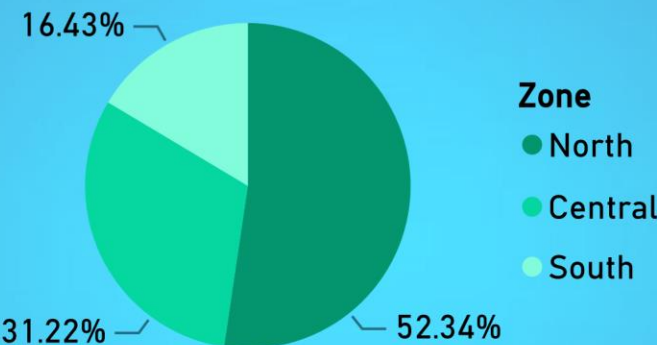
All



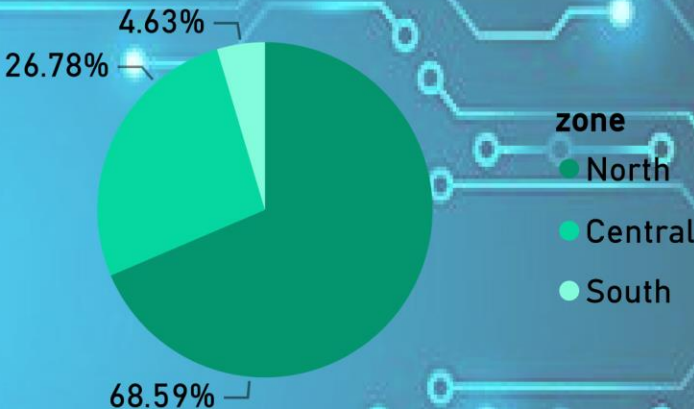
Revenue by Market



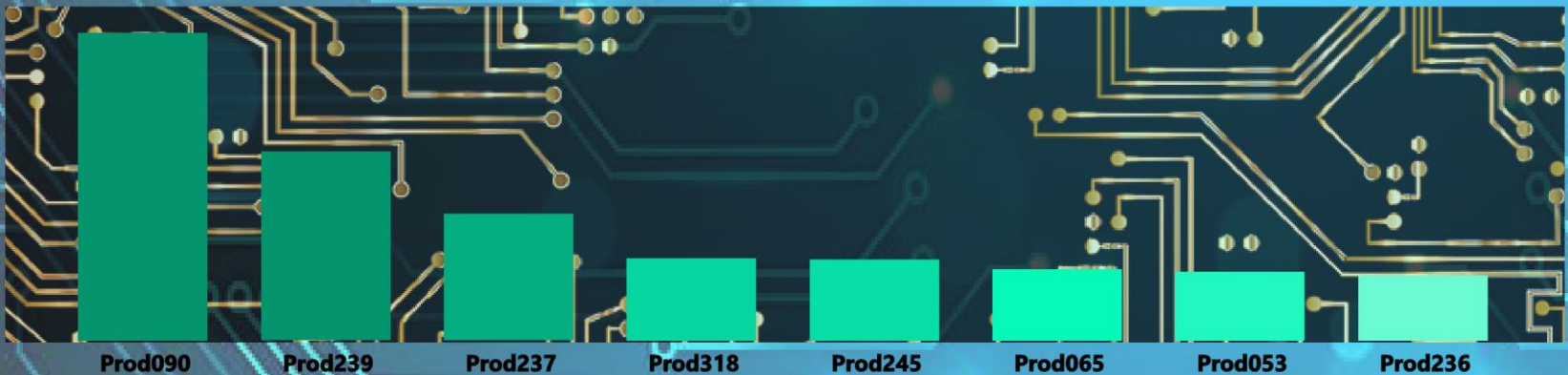
Sales Qty by Zone



Revenue By Zone



Sales QTY by Product



Revenue by Customer Name

custmer_name	Revenue
Sage	7,764.00
Electricalsquipo Stores	26,379.00
Zone	46,412.00
Electricalsopedia Stores	66,370.00
Electricalsbea Stores	1,02,423.00
Flawless Stores	2,87,023.00
Sound	4,65,618.00
Logic Stores	6,15,005.00
Total	26,37,50,652.00

# MySQL Query

```
USE SALES;
```

```
#HOW MANY TOTAL RECORDS ARE THERE IN THE 'TRANSACTIONS' TABLE?
```

```
SELECT COUNT(*) FROM TRANSACTIONS;
```

```
#1 PLEASE PROVIDE A REPORT THAT DISPLAYS ALL TRANSACTIONS CONDUCTED IN MUMBAI.
```

```
SELECT * FROM MARKETS AS M
```

```
JOIN TRANSACTIONS AS T
```

```
ON M.MARKETS_CODE = T.MARKET_CODE
```

```
WHERE MARKETS_NAME = "MUMBAI";
```

#2 DISPLAY ALL TRANSACTIONS THAT WERE CONDUCTED USING USD CURRENCY..

```
SELECT * FROM TRANSACTIONS
```

```
WHERE CURRENCY = "USD";
```

#3 I AM IN NEED OF DATA RELATED TO OUR TOTAL SALES FOR THE YEAR 2019 TO SUPPORT MY REGIONAL SALES ANALYSIS. PLEASE PROVIDE

#THE TOTAL SALES FOR THE YEAR 2019.

```
SELECT SUM(T.SALES_AMOUNT) FROM TRANSACTIONS AS T
```

```
JOIN DATE AS D
```

```
ON T.ORDER_DATE = D.DATE
```

```
WHERE D.YEAR = 2019;
```

#4 DISPLAY A LIST OF DISTINCT PRODUCTS THAT WERE SOLD IN CHENNAI IN THE YEAR 2019.

SELECT COUNT(T.PRODUCT\_CODE) AS"COUNT\_OF\_PRODUCT\_SOLD", T.PRODUCT\_CODE

FROM PRODUCTS AS P

JOIN TRANSACTIONS AS T

ON P.PRODUCT\_CODE = T.PRODUCT\_CODE

JOIN MARKETS AS M

ON M.MARKETS\_CODE = T.MARKET\_CODE

JOIN DATE AS D

ON T.ORDER\_DATE = D.DATE

WHERE M.MARKETS\_NAME = "CHENNAI" AND

D.YEAR LIKE "2019"

GROUP BY P.PRODUCT\_CODE;



#5 PLEASE PROVIDE INFORMATION REGARDING THE MAXIMUM SALES QUANTITY TAKEN BY PREMIUM STORES IN THE YEAR 2017.

```
SELECT MAX(T.SALES_AMOUNT) AS "MAX_SALES",C.CUSTOMER_NAME FROM TRANSACTIONS AS T
```

```
JOIN CUSTOMERS AS C
```

```
ON C.CUSTOMER_CODE = T.CUSTOMER_CODE
```

```
WHERE C.CUSTOMER_NAME = "PREMIUM STORES"
```

```
AND T.ORDER_DATE LIKE "2017%";
```

#6 I NEED TO IDENTIFY THE CUSTOMER WHO MADE THE HIGHEST AMOUNT OF PURCHASES IN THE YEAR 2018.

```
SELECT C.CUSTOMER_NAME, D.YEAR, MAX(T.SALES_AMOUNT) AS "MAX_SALES" FROM CUSTOMERS AS C
```

```
JOIN TRANSACTIONS AS T
```

```
ON T.CUSTOMER_CODE = C.CUSTOMER_CODE
```

```
JOIN DATE AS D
```

```
ON T.ORDER_DATE = D.DATE
```

```
WHERE D.YEAR = "2018"
```

```
GROUP BY C.CUSTOMER_NAME, D.YEAR
```

```
ORDER BY MAX_SALES DESC
```

```
LIMIT 1;
```

#7 I NEED TO FIND THE DIFFERENCE IN THE NUMBER OF PRODUCTS SOLD TO LOGIC STORES UP TO THE CURRENT DATE.

```
SELECT COUNT(P.PRODUCT_CODE) AS "NO. OF PRODUCTS", P.PRODUCT_CODE
```

```
FROM PRODUCTS AS P
```

```
JOIN TRANSACTIONS AS T
```

```
ON T.PRODUCT_CODE = P.PRODUCT_CODE
```

```
JOIN CUSTOMERS AS C
```

```
ON T.CUSTOMER_CODE = C.CUSTOMER_CODE
```

```
WHERE C.CUSTOMER_NAME = "LOGIC STORES"
```

```
GROUP BY P.PRODUCT_CODE;
```

#8 I WOULD LIKE TO KNOW THE MAXIMUM SALES ACHIEVED OVER THE 4-YEAR PERIOD. PLEASE PROVIDE THIS INFORMATION.

```
SELECT D.YEAR, MAX(T.SALES_AMOUNT) AS "MAX _SALES"
```

```
FROM TRANSACTIONS AS T
```

```
JOIN DATE AS D
```

```
ON T.ORDER_DATE = D.DATE
```

```
GROUP BY D.YEAR;
```

#9 I NEED TO IDENTIFY THE MAXIMUM PURCHASE MADE BY ANY CUSTOMER FOR EACH YEAR IN OUR DATA. PLEASE PROVIDE THIS INFORMATION.

```
SELECT C.CUSTOMER_NAME, D.YEAR, MAX(T.SALES_AMOUNT) AS "MAX_PURCHASESS" FROM CUSTOMERS AS C
```

---

```
JOIN TRANSACTIONS AS T
```

```
ON T.CUSTOMER_CODE = C.CUSTOMER_CODE
```

```
JOIN DATE AS D
```

```
ON T.ORDER_DATE = D.DATE
```

```
GROUP BY C.CUSTOMER_NAME, D.YEAR;
```