Sales Dashboard(Atliq Hardware)

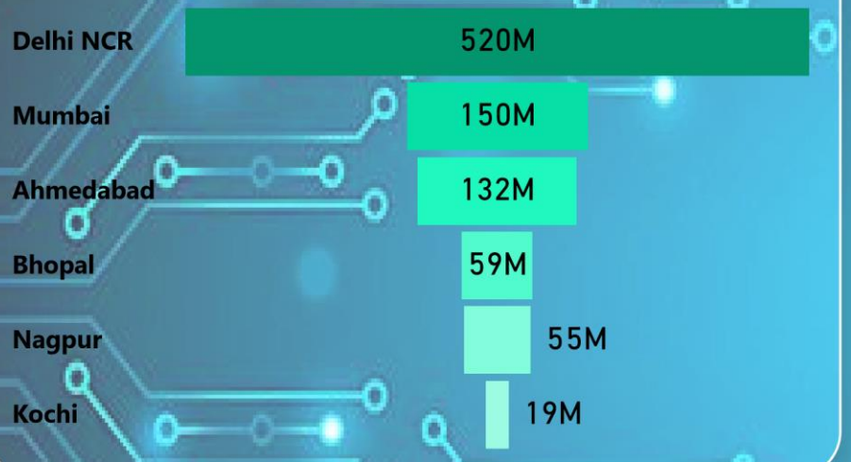
985M
Revenue

2M
Sales qty

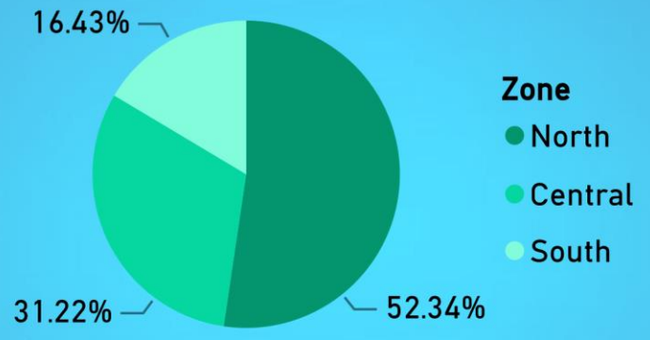
2017 | 2019
2018 | 2020

City
All

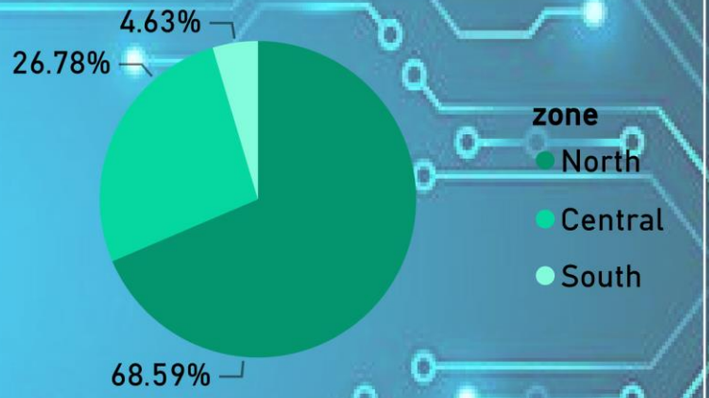
Revenue by Market



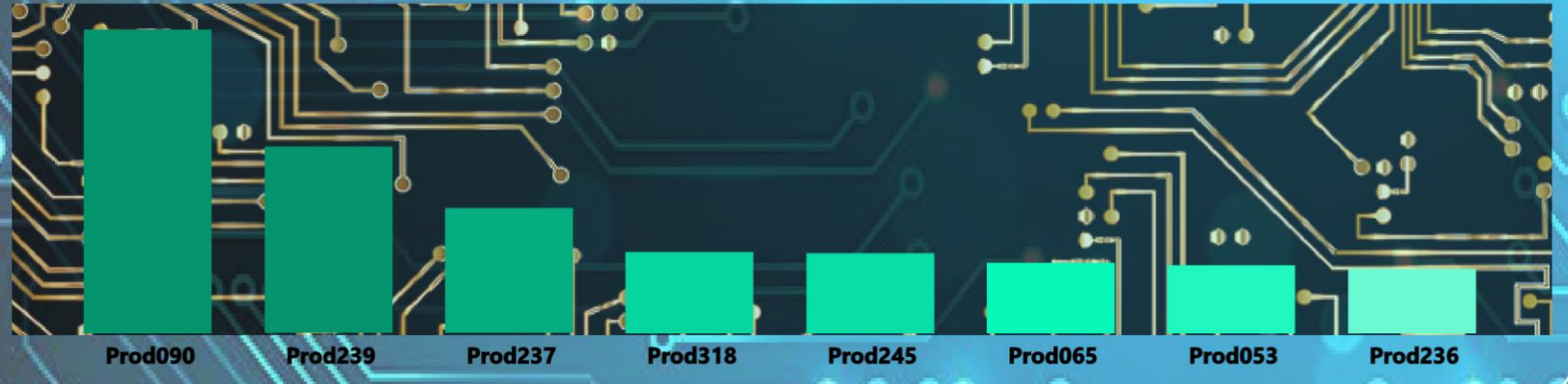
Sales Qty by Zone



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

```sql
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";
```

```sql
#9 I need to identify the maximum purchase made by any customer for each year in our data. Please provide this information.
select c.custmer_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.custmer_name, d.year;
```

```sql
#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.custmer_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;
```

```sql
#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.custmer_name from transactions as t
join customers as c
on c.customer_code = t.customer_code
where c.custmer_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.custmer_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.custmer_name, d.year
order  by max_sales desc
limit 1;
```

```sql
#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;
```