SQL Query Report of **atliQ Hardware** Sales Data

1.Show all customer records and transaction records--

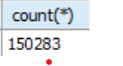
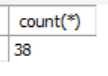
`SELECT \* FROM sales.customers;`

SELECT \* FROM sales.transactions;

2. Show total number of customers and transactions--

SELECT count(\*) FROM sales.customer

SELECT count(\*) FROM sales.transactions;



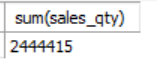
3.Total Revenue-

Select sum(sales\_amount) from sales.transactions where currency = 'USD\r' or currency = 'INR\r';



4.Total sales Qty-

select sum(sales\_qty) from sales.transactions;



5. Show transactions for Mumbai and Bengaluru market (market code for Mumbai is Mark002 and Bengaluru is Mark006)

SELECT \* FROM sales.transactions where market\_code='Mark002';

SELECT \* FROM sales.transactions where market\_code='Mark006';

6. Number of transactions were made in Mumbai and Bengaluru Market

SELECT count(\*) FROM sales.transactions Where market\_code = "Mark002";

SELECT count(\*) FROM sales.transactions where market\_code='Mark006';



7.Revenue earned from Mumbai ,Delhi NCR and Bengaluru Market

SELECT sum(sales.transactions.sales\_amount) FROM sales.transactions where market\_code='Mark002' and currency = 'USD\r' or currency = 'INR\r';

SELECT sum(sales.transactions.sales\_amount) FROM sales.transactions where market\_code='Mark004' and currency = 'USD\r' or currency = 'INR\r';

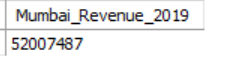
SELECT sum(sales.transactions.sales\_amount) FROM sales.transactions where market\_code='Mark006' currency = 'USD\r' or currency = 'INR\r';

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INR 150180636,INR 1206113 and INR 373115

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7. Show total revenue in year 2019 for Mumbai-

SELECT sum(sales\_amount) FROM sales.transactions INNER JOIN sales.date ON sales.transactions.order\_date = sales.date.date where sales.transactions.market\_code="Mark002" and sales.date.year=2019;

8.Performed Inner Join between transaction and date table-

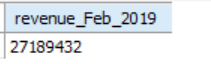
select sales.transactions.\*, sales.date.\* FROM sales.transactions INNER JOIN sales.date ON sales.transactions.order\_date = sales.date.date;

9.Show transactions in 2019 join by date table-

select sales.transactions.\*, sales.date.\* FROM sales.transactions INNER JOIN sales.date ON sales.transactions.order\_date = sales.date.date Where sales.date.year = 2019 ;

10.Show total revenue in year 2019, February Month-

select sum(sales\_amount) FROM sales.transactions INNER JOIN sales.date ON sales.transactions.order\_date = sales.date.date Where sales.date.year = 2019 and sales.date.month\_name = "February";



11. Show total revenue in year 2018 in Bengaluru-

SELECT SUM(sales\_amount) FROM sales.transactions INNER JOIN sales.date ON sales.transactions.order\_date=sales.date.date where sales.date.year=2018 and sales.transactions.market\_code="Mark006";

12.Show distinct product codes that were sold in Mumbai-

Select distinct product\_code from sales.transactions where market\_code = "Mark002";

13.Show transactions where currency is US dollars-

SELECT \* from sales.transactions where currency="USD" or currency=”USD\r”

14.Show Null or negative rows in transaction table--

SELECT \* FROM sales.transactions where sales\_amount<=0;