

## SALES INSIGHTS QUERIES:

### Basic exploration queries

- USE sales
- SELECT \* FROM sales.customers;
- SELECT \* FROM sales.transactions;
- SELECT \* FROM sales.markets;
- SELECT \* FROM sales.date;
- SELECT \* FROM sales.products;

### Queries used for checking the values in currency column in transaction table

- SELECT count(\*) from sales.transactions where sales.transactions.currency="INR\r";
- SELECT count(\*) from sales.transactions where sales.transactions.currency="INR";
- SELECT count(\*) from sales.transactions where sales.transactions.currency="USD\r";
- SELECT count(\*) from sales.transactions where sales.transactions.currency="USD";

### Queries for other exploration:

- SELECT \* FROM customers; # Show all customer records
- SELECT count(\*) FROM customers # Show total number of customers
- SELECT \* FROM transactions where market\_code='Mark001'; # Show transactions for Chennai market (market code for chennai is Mark00)
- SELECT distinct product\_code FROM transactions where market\_code='Mark001'; # Show distinct product codes that were sold in chennai
- SELECT \* from transactions where currency="USD" # Show transactions where currency is US dollars
- SELECT transactions.\*, date.\* FROM transactions INNER JOIN date ON transactions.order\_date=date.date where date.year=2020; # Show transactions in 2020 join by date table
- SELECT SUM(transactions.sales\_amount) FROM transactions INNER JOIN date ON transactions.order\_date=date.date where date.year=2020 and transactions.currency="INR\r" or transactions.currency="USD\r"; # Show total revenue in year 2020
- SELECT SUM(transactions.sales\_amount) FROM transactions INNER JOIN date ON transactions.order\_date=date.date where date.year=2020 and and date.month\_name="January" and (transactions.currency="INR\r" or transactions.currency="USD\r"); # Show total revenue in year 2020, January Month
- SELECT SUM(transactions.sales\_amount) FROM transactions INNER JOIN date ON transactions.order\_date=date.date where date.year=2020 and transactions.market\_code="Mark001" # Show total revenue in year 2020 in Chennai