1. Show all customer records

```
SELECT * FROM customers;
```

2. Show total number of customers

```
SELECT count(*) FROM customers;
```

3. Show transactions for Chennai market (market code for chennai is Mark001

```
SELECT * FROM transactions where market_code='Mark001';
```

4. Show distinct product codes that were sold in chennai

```
SELECT distinct product_code FROM transactions where market_code='Mark001';
```

5. Show transactions where currency is US dollars

```
SELECT * from transactions where currency="USD"
```

6. Show transactions in 2020 join by date table

```
SELECT transactions.*, date.* FROM transactions INNER JOIN date ON
transactions.order_date=date.date where date.year=2020;
```

7. 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
transactions.currency="INR\r" or transactions.currency="USD\r";
```

8. 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 and
date.month_name="January" and (transactions.currency="INR\r" or
transactions.currency="USD\r");
```

9. Show total revenue in year 2020 in Chennai

```
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";
```

10. find out which location has lowest sale :

```
SELECT market_code, SUM(sales_amount) ,markets_name
 FROM
sales.markets Inner join
sales.transactions  On
sales.markets.markets_code = sales.transactions.market_code
group by market_code, markets_name
Order by 2 desc;
```

11. Show amount of sale in different location:

```
SELECT market_code, SUM(sales_amount) ,markets_name
 FROM sales.markets Inner join sales.transactions  On
sales.markets.markets_code = sales.transactions.market_code group by
market_code, markets_name;
```