

Use KTMSales;
Show Tables;

Select * from Customers;
Select * from Deliveries;
Select * from Models;
Select * from Payments;
select * from Sales;
Select * from Sales_Shop;

-- Query 1 : List all customers from Maharashtra --

SELECT * FROM customers
WHERE state = 'Maharashtra';

-- Query 2 : Count the Numbers of Sales per region --

SELECT region, COUNT(*) AS sales_count
FROM sales
GROUP BY region;

-- Query 3. Find total sales per Month --

SELECT DATE_FORMAT(s.sale_date, '%Y-%m') AS month, SUM(s.total_amount) AS
total_sales
FROM sales s
GROUP BY month
ORDER BY month;

-- Query 4 : List all models launched after 2020 --

SELECT * FROM models
WHERE launch_year > 2020;

-- Query 5 : Find all sales of the KTM Duke 390 --

SELECT s.sale_id, c.name AS customer_name, s.total_amount, s.sale_date

```
FROM sales s
JOIN models m ON s.model_id = m.model_id
JOIN customers c ON s.customer_id = c.customer_id
WHERE m.model_name = 'KTM Duke 390';
```

-- Query 6 : Show total sales per model --

```
SELECT m.model_name, SUM(s.total_amount) AS total_sales
FROM sales s
JOIN models m ON s.model_id = m.model_id
GROUP BY m.model_name
ORDER BY total_sales DESC;
```

-- Query 7 : List All Pending Deliveries --

```
SELECT d.delivery_id, s.sale_id, c.name AS customer_name, d.delivery_status
FROM deliveries d
JOIN sales s ON d.sale_id = s.sale_id
JOIN customers c ON s.customer_id = c.customer_id
WHERE d.delivery_status = 'Pending';
```

-- Query 8 : Show All Unpaid payments --

```
SELECT p.payment_id, c.name AS customer_name, p.amount, p.payment_status,
p.transaction_status
FROM payments p
JOIN sales s ON p.sale_id = s.sale_id
JOIN customers c ON s.customer_id = c.customer_id
WHERE p.payment_status = 'Unpaid';
```

-- Query 9 : Find the top 5 customers by total purchase --

```
SELECT c.name, SUM(s.total_amount) AS total_purchase
FROM sales s
JOIN customers c ON s.customer_id = c.customer_id
GROUP BY c.name
ORDER BY total_purchase DESC
LIMIT 5;
```

-- Query 10 : Show total payments received per payment method --

```
SELECT payment_method, SUM(amount) AS total_received
FROM payments
WHERE payment_status = 'Paid'
GROUP BY payment_method;
```

-- Query 11 : Find Sales with quantity greater than 1 --

```
SELECT s.sale_id, c.name AS customer_name, m.model_name, s.quantity,
s.total_amount
FROM sales s
JOIN customers c ON s.customer_id = c.customer_id
JOIN models m ON s.model_id = m.model_id
WHERE s.quantity > 1;
```

-- Query 12 : Show deliveries along with payment status --

```
SELECT d.delivery_id, c.name AS customer_name, m.model_name, d.delivery_status,
p.payment_status
FROM deliveries d
JOIN sales s ON d.sale_id = s.sale_id
JOIN customers c ON s.customer_id = c.customer_id
JOIN models m ON s.model_id = m.model_id
JOIN payments p ON s.sale_id = p.sale_id limit 10;
```

-- Query 13 : List all customers with pending payments and deliveries --

```
SELECT DISTINCT c.name, p.payment_status, d.delivery_status
FROM customers c
JOIN sales s ON c.customer_id = s.customer_id
JOIN payments p ON s.sale_id = p.sale_id
JOIN deliveries d ON s.sale_id = d.sale_id
WHERE p.payment_status = 'Unpaid' AND d.delivery_status = 'Pending';
```