Coffee Shop Sales Queries

1,

```sql
SELECT TOP 10 * FROM Orders;
SELECT TOP 10 * FROM Customers;
```

100 %

Results | Messages

	order_id	order_date	customer_id	branch	coffee_type	roast_type	size	quantity	unit_price	payment_method	total_sales
1	1	2024-01-21 14:00:00.0000000	70	Dire Dawa	Espresso	Dark	Large	3	40	Card	120
2	2	2024-04-14 15:00:00.0000000	39	Dire Dawa	Jimma Buna	Light	Medium	1	40	Card	40
3	3	2024-03-11 09:00:00.0000000	35	Jimma	Latte	Light	Large	2	50	Card	100
4	4	2024-03-22 20:00:00.0000000	34	Dire Dawa	Macchiato	Medium	Small	1	70	Telebirr	70
5	5	2024-01-06 07:00:00.0000000	43	Addis Ababa	Espresso	Light	Large	2	70	Card	140
6	6	2024-01-02 08:00:00.0000000	10	Dire Dawa	Harrar Buna	Dark	Small	2	50	Telebirr	100
7	7	2024-01-17 07:00:00.0000000	40	Jimma	Jimma Buna	Medium	Small	3	50	Card	150
8	8	2024-01-14 12:00:00.0000000	100	Dire Dawa	Macchiato	Dark	Large	1	50	Cash	50

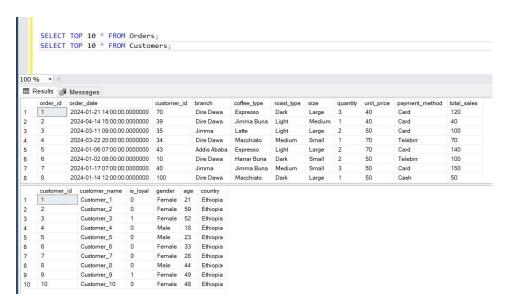|	customer_id	customer_name	is_loyal	gender	age	country
1	1	Customer_1	0	Female	21	Ethiopia
2	2	Customer_2	0	Female	59	Ethiopia
3	3	Customer_3	1	Female	52	Ethiopia
4	4	Customer_4	0	Male	18	Ethiopia
5	5	Customer_5	0	Male	23	Ethiopia
6	6	Customer_6	0	Female	33	Ethiopia
7	7	Customer_7	0	Female	28	Ethiopia
8	8	Customer_8	0	Male	44	Ethiopia
9	9	Customer_9	1	Female	49	Ethiopia
10	10	Customer_10	0	Female	48	Ethiopia

2,

```sql
--   Top 5 Customers by Sales

SELECT TOP 5
    c.customer_name,
    SUM(o.total_sales) AS TotalSales
FROM Orders o
JOIN Customers c ON o.customer_id = c.customer_id
GROUP BY c.customer_name
ORDER BY TotalSales DESC;
```

100 %

Results | Messages

	customer_name	TotalSales
1	Customer_18	1200
2	Customer_54	1170
3	Customer_31	1100
4	Customer_73	1010
5	Customer_82	990

3,

```sql
--  Total Sales by Payment Method

SELECT
    payment_method,
    SUM(total_sales) AS TotalSales
FROM Orders
GROUP BY payment_method
ORDER BY TotalSales DESC;
```

100 % ▼ ◄

▦ Results | 🗐 Messages

	customer_name	TotalSales
1	Customer_18	1200
2	Customer_54	1170
3	Customer_31	1100
4	Customer_73	1010
5	Customer_82	990

4,

```sql
--   Loyal vs. Non-Loyal Customers' Total Sales
SELECT
    c.is_loyal,
    SUM(o.total_sales) AS TotalSales
FROM Orders o
JOIN Customers c ON o.customer_id = c.customer_id
GROUP BY c.is_loyal;
```

100 % ▼ ◄

▦ Results | 🗐 Messages

	is_loyal	TotalSales
1	0	28720
2	1	25290

5,

```sql
-- Most Preferred Coffee Size by Gender
SELECT
    c.gender,
    o.size,
    COUNT(*) AS OrderCount
FROM Orders o
JOIN Customers c ON o.customer_id = c.customer_id
GROUP BY c.gender, o.size
ORDER BY c.gender, OrderCount DESC;
```

Results | Messages

	gender	size	OrderCount
1	Female	Medium	78
2	Female	Large	64
3	Female	Small	63
4	Male	Large	106
5	Male	Medium	99
6	Male	Small	90

6,

```sql
-- Revenue by Roast Type by Region (Country)
SELECT
    c.country,
    o.roast_type,
    SUM(o.total_sales) AS TotalSales
FROM Orders o
JOIN Customers c ON o.customer_id = c.customer_id
GROUP BY c.country, o.roast_type
ORDER BY c.country, TotalSales DESC;
```

Results | Messages

	country	roast_type	TotalSales
1	Ethiopia	Dark	19790
2	Ethiopia	Light	17630
3	Ethiopia	Medium	16590

7,

```sql
-- Monthly Sales Trend
SELECT
    FORMAT(order_date, 'yyyy-MM') AS Month,
    SUM(total_sales) AS TotalSales
FROM Orders
GROUP BY FORMAT(order_date, 'yyyy-MM')
ORDER BY Month;
```

100 %

⊞ Results 📄 Messages

	Month	TotalSales
1	2024-01	14750
2	2024-02	14560
3	2024-03	12210
4	2024-04	12490