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2 ❌ // Query 1: Get top 5 customers who signed up after 2022 and are from India, sorted by loyalty points.
3
4 SELECT
5     customer_id,
6     first_name,
7     country,
8     signup_date,
9     loyalty_points
10 FROM ecommerce.customers
11 WHERE country = 'India' AND signup_date > '2022-01-01'
12 ORDER BY loyalty_points DESC
13 LIMIT 5;
14
```

Result Grid					
		Filter Rows:		Export:	Wrap Cell Content:
	customer_id	first_name	country	signup_date	loyalty_points
▶	C0497	Jennifer	India	2023-01-06	852
	C0080	Stacey	India	2024-02-25	414
	C0458	Theresa	India	2025-07-28	329

```

2  ❌  // Query 2: Calculate average and total amount spent by each customer.
3  SELECT
4      o.customer_id,
5      COUNT(o.order_id) AS total_orders,
6      SUM(p.amount) AS total_spent,
7      AVG(p.amount) AS avg_spent
8  FROM ecommerce.orders o
9  JOIN ecommerce.payments p ON o.order_id = p.order_id
10 WHERE p.status = 'Success'
11 GROUP BY o.customer_id
12 ORDER BY total_spent DESC;

```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	customer_id	total_orders	total_spent	avg_spent
▶	C0462	3	5410.5599999999995	1803.5199999999998
	C0418	3	4528.83	1509.61
	C0018	2	3481.98	1740.99
	C0393	2	3320.83	1660.415
	C0100	2	3303.9	1651.95
	C0287	2	3110.91	1555.455

```

❌ // Query 3: List all orders along with the customer names.


SELECT
    o.order_id,
    o.order_date,
    c.first_name || ' ' || c.last_name AS customer_name,
    o.status,
    o.total_amount
FROM ecommerce.orders o
INNER JOIN ecommerce.customers c ON o.customer_id = c.customer_id
ORDER BY o.order_date DESC
limit 7;

```





Alt Grid |   Filter Rows: | Export:  | Wrap Cell Content:  | Fetch rows:

order_id	order_date	customer_name	status	total_amount
000386	2025-08-05	0	Shipped	1847.47
000201	2025-08-05	0	Delivered	1880.58
000441	2025-08-04	0	Shipped	1326.31
000250	2025-08-02	0	Delivered	284.26
000260	2025-07-31	0	Cancelled	478.42

```

16  // Query 4: List all customers and their last order (if any).
17 SELECT
18     c.customer_id,
19     c.first_name,
20     c.email,
21     MAX(o.order_date) AS last_order_date
22 FROM ecommerce.customers c
23 LEFT JOIN ecommerce.orders o ON c.customer_id = o.customer_id
24 GROUP BY c.customer_id, c.first_name, c.email
25 ORDER BY last_order_date DESC
26 limit 5;
27

```

<div> <div>Result Grid</div> <div>   Filter Rows: <input type="text"/> </div> <div> Export:  </div> <div> Wrap Cell Content:  </div> <div> Fetch rows: <input type="text"/> </div> </div>				
	customer_id	first_name	email	last_order_date
	C0043	Jeffrey	emdaughlin@hotmail.com	2025-08-05
	C0086	Gabriel	carlwerner@yahoo.com	2025-08-05
	C0113	Ryan	veronicanelson@hotmail.com	2025-08-04
	C0096	Sandra	gstephens@hotmail.com	2025-08-02
	C0370	John	parkpatricia@ramirez-flores.com	2025-07-31

```

26 ❌ // Query 5: Show all orders and the customer details, including if customer record is missing (if applicable).
27 SELECT
28     o.order_id,
29     o.customer_id,
30     c.first_name,
31     o.order_date,
32     o.total_amount
33 FROM ecommerce.orders o
34 RIGHT JOIN ecommerce.customers c ON o.customer_id = c.customer_id;
35
36 ❌ // query 9: Top 10 Selling Products (by Order Count)

```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	order_id	customer_id	first_name	order_date	total_amount
▶	O00381	C0001	Vicki	2024-01-30	475.69
	NULL	NULL	April	NULL	NULL
	NULL	NULL	Kristine	NULL	NULL
	O00006	C0004	Eric	2024-07-04	1761.26
	NULL	NULL	Michael	NULL	NULL


```

27 ❌ // Query 7: showing customer orders and payment details.
28 SELECT
29     c.customer_id,
30     c.first_name,
31     o.order_id,
32     o.order_date,
33     o.total_amount,
34     p.amount AS paid_amount,
35     p.payment_method,
36     p.status
37 FROM ecommerce.customers c
38 JOIN ecommerce.orders o ON c.customer_id = o.customer_id

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Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 								
	customer_id	first_name	order_id	order_date	total_amount	paid_amount	payment_method	status
▶	C0462	Stephen	O00001	2025-02-14	1895.67	1907.55	Net Banking	Success
	C0415	Richard	O00002	2025-06-04	986.05	1308.6	Net Banking	Pending
	C0103	Daniel	O00003	2024-11-17	788.39	920.6	UPI	Pending
	C0029	Jessica	O00004	2023-10-07	1399.89	325.89	Credit Card	Failed
	C0216	Nicole	O00005	2024-12-13	1465.63	1535.25	PayPal	Pending

```

40  // query 8 :Show Total Orders per Customer
41 SELECT
42     c.city,
43     COUNT(o.order_id) AS order_count
44 FROM ecommerce.customers c
45 JOIN ecommerce.orders o ON c.customer_id = o.customer_id
46 GROUP BY c.city
47 ORDER BY order_count DESC
48 LIMIT 10;
49

```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content:  | Fetch rows: 

	city	order_count
▶	West Jessica	7
	Tammyville	5
	New Josephfort	5
	North Lori	4
	Hughesfurt	4
	Matthewport	4
	North Lisahaven	4
	Rushfort	4