

DB Browser for SQLite - C:\Users\donur\OneDrive\Desktop\olist.sqlite

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Database Structure Browse Data Edit Pragma Execute SQL

SQL 1*

```
11 LIMIT 10;
12
13
14 SELECT AVG(item_count) AS avg_items
15 FROM (
16     SELECT order_id, COUNT(*) AS item_count
17     FROM order_items
18     GROUP BY order_id
19 );
20
```

	avg_items
1	1.14173069736951

Execution finished without errors.
Result: 1 rows returned in 104ms
At line 14:
SELECT AVG(item_count) AS avg_items
FROM (
 SELECT order_id, COUNT(*) AS item_count
 FROM order_items
 GROUP BY order_id

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Database Structure Browse Data Edit Pragmas Execute SQL



SQL 1*

```
13 SELECT AVG(total_orders) AS avg_orders_per_customer
14 FROM customer_order_counts;
15
16 -- 4. Join view with customers to get city/state info for top customers
17 SELECT c.customer_id, c.customer_city, c.customer_state, v.total_orders
18 FROM customer_order_counts v
19 JOIN customers c ON v.customer_id = c.customer_id
20 ORDER BY v.total_orders DESC
21 LIMIT 10;
22
```

	customer_id	customer_city	customer_state	total_orders
1	06b8999e2fbala1fbc88172c00ba8bc7	franca	SP	1
2	18955e83d337fd6b2def6b18a428ac77	sao bernardo do campo	SP	1
3	4e7b3e00288586ebd08712fdd0374a03	sao paulo	SP	1
4	b2b6027bc5c5109e529d4dc6358b12c3	mogi das cruces	SP	1
5	4f2d8ab171c80ec8364f7c12e35b23ad	campinas	SP	1
6	879864dab9bc3047522c92c82e1212b8	jaragua do sul	SC	1
7	fd826e7cf63160e536e0908c76c3f441	sao paulo	SP	1

Execution finished without errors.

Result: 10 rows returned in 3118ms

At line 16:

```
-- 4. Join view with customers to get city/state info for top customers
SELECT c.customer_id, c.customer_city, c.customer_state, v.total_orders
FROM customer_order_counts v
JOIN customers c ON v.customer_id = c.customer_id
ORDER BY v.total_orders DESC
```

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Database Structure Browse Data Edit Pragma Execute SQL



SQL 1*

```
1 SELECT payment_type, SUM(payment_value) AS total_revenue
2 FROM order_payments
3 GROUP BY payment_type;
4
5 SELECT AVG(item_count) AS avg_items_per_order
6 FROM (
7     SELECT order_id, COUNT(*) AS item_count
8     FROM order_items
9     GROUP BY order_id
10 );
```

	avg_items_per_order
1	1.14173068736951

Execution finished without errors.
Result: 1 rows returned in 262ms
At line 5:
SELECT AVG(item_count) AS avg_items_per_order
FROM (
SELECT order_id, COUNT(*) AS item_count
FROM order_items
GROUP BY order_id

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Database Structure Browse Data Edit Pragmas Execute SQL



SQL 1*

```
1 SELECT order_id, payment_value
2 FROM order_payments
3 WHERE payment_value > (SELECT AVG(payment_value) FROM order_payments);
```

	order_id	payment_value
1	1f78449c87a54faf9e96e88ba1491fa9	341.09
2	d88e0d5fa41661ce03cf6cf336527646	188.73
3	12e5cfe0e4716b59afb0e0f4a3bd6570	157.45
4	8ac09207f415d55acff302df7d6a895c	244.15
5	4214cda550ece8ee66441f459dc33a8c	170.57
6	4d680edbaa7d3d9bed69532957368a03	353.09
7	8cd68144cdb62dc0d60848cf8616d2a4	330.66

Execution finished without errors.
Result: 31012 rows returned in 330ms
At line 1:
SELECT order_id, payment_value
FROM order_payments
WHERE payment_value > (SELECT AVG(payment_value) FROM order_payments);

Edit Database Cell

Mode: Text

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Database Structure Browse Data Edit Pragmas Execute SQL

SQL 1*

```
1 SELECT o.order_id, o.customer_id, p.payment_type, p.payment_value
2 FROM orders o
3 INNER JOIN order_payments p ON o.order_id = p.order_id;
4
5 SELECT o.order_id, o.customer_id, p.payment_type
6 FROM orders o
7 LEFT JOIN order_payments p ON o.order_id = p.order_id;
8
9 SELECT p.order_id, p.payment_type, o.customer_id
10 FROM order_payments p
11 LEFT JOIN orders o ON o.order_id = p.order_id;
```

	order_id	payment_type	customer_id
6	298fedf1f73eb413e4d26d01b25bc1ed	credit_card	a24e6f72471e9dbafcb292bc318f4859
7	771ee386b001f06208a7419e4fc1bbd7	credit_card	206c0fcc717333d169ff95933fb47341
8	3d7239c394a212faae122962df514ac7	credit_card	4d7a9b8bba459dce09d1b8fa637a0cba
9	1f78449c97a54faf9e96e88ba1491fa9	credit_card	68c9dafdf193586c290b19c71541357a
10	0573b5e23cbd798006520e1dbb4c6714	boleto	c4e17eff78176dfe3401f03db0346f85
11	d88e0d5fa41661ce03cf6cf336527646	credit_card	fe0c5425832ac53c3be5cb4aea25b60f
12	2480f727e869fdeb397244a21b721b67	credit card	94967f1e8a9ea8ec6c7129f098f32155

Execution finished without errors.
Result: 103886 rows returned in 5495ms
At line 9:
SELECT p.order_id, p.payment_type, o.customer_id
FROM order_payments p
LEFT JOIN orders o ON o.order_id = p.order_id;

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Database Structure Browse Data Edit Pragmas Execute SQL



SQL 1*

```
1 SELECT customer_id, customer_city, customer_state
2 FROM customers
3 WHERE customer_city = 'sao paulo'
4 ORDER BY customer_state;
5
6 -- 2. Count of orders per state
7 SELECT customer_state, COUNT(*) AS total_orders
8 FROM customers
9 GROUP BY customer_state
10 ORDER BY total_orders DESC;
```

	customer_state	total_orders
1	SP	41746
2	RJ	12852
3	MG	11635
4	RS	5466
5	PR	5045
6	SC	3637
7	EA	3380

Execution finished without errors.
Result: 27 rows returned in 147ms
At line 6:
-- 2. Count of orders per state
SELECT customer_state, COUNT(*) AS total_orders
FROM customers
GROUP BY customer_state
ORDER BY total_orders DESC;

Edit Database Cell

Mode: Text

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