

DB Browser for SQLite - /Users/vishal/Desktop/Task 4/sakila_master.db

New DatabaseOpen DatabaseWrite ChangesRevert ChangesUndoOpen ProjectSave ProjectAttach Database

Database StructureBrowse DataEdit PragmasExecute SQL

S...

1-- ✓ Query 1: Show all customers

2SELECT * FROM customer;

	customer_id	store_id	first_name	last_name	
1	1	1	MARY	SMITH	MARY.SI
2	2	1	PATRICIA	JOHNSON	PATRICI
3	3	1	LINDA	WILLIAMS	LINDA.W
4	4	2	BARBARA	JONES	BARBAR
5	5	1	ELIZABETH	BROWN	ELIZABE
6	6	2	JENNIFER	DAVIS	JENNIFE

Execution finished without errors.
Result: 599 rows returned in 94ms
At line 1:
-- ✓ Query 1: Show all customers
SELECT * FROM customer;

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Apply

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1-- ✓ Query 2: Show all rental records

2SELECT * FROM rental;

	rental_id	rental_date	inventory_id	customer_i
1	1	2005-05-24 22:53:30.000	367	130
2	2	2005-05-24 22:54:33.000	1525	459
3	3	2005-05-24 23:03:39.000	1711	408
4	4	2005-05-24 23:04:41.000	2452	333
5	5	2005-05-24 23:05:21.000	2079	222
6	6	2005-05-24 23:08:07.000	2792	549

Execution finished without errors.
Result: 16044 rows returned in 38ms
At line 1:
-- ✓ Query 2: Show all rental records
SELECT * FROM rental;

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

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1- [x] Query 3: Total number of rentals per film (with film title)

2SELECT f.title, COUNT(*) AS total_rentals

3FROM rental r

4JOIN inventory i ON r.inventory_id = i.inventory_id

5JOIN film f ON i.film_id = f.film_id

6GROUP BY f.title

7ORDER BY total_rentals DESC

8LIMIT 10;

	title	total_rentals
1	BUCKET BROTHERHOOD	34
2	ROCKETEER MOTHER	33
3	SCALAWAG DUCK	32
4	RIDGEMONT SUBMARINE	32
5	JUGGLER HARDLY	32
6	GRIT CLOCKWORK	32
7	FORWARD TEMPLE	32

Execution finished without errors.

Result: 10 rows returned in 33ms

At line 1:

- [x] Query 3: Total number of rentals per film (with film title)

SELECT f.title, COUNT(*) AS total_rentals

FROM rental r

JOIN inventory i ON r.inventory_id = i.inventory_id

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

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1-- Query 4: Total payment received per customer

2SELECT c.first_name, c.last_name, SUM(p.amount) AS total_paid

3FROM customer c

4JOIN payment p ON c.customer_id = p.customer_id

5GROUP BY c.customer_id

6ORDER BY total_paid DESC

7LIMIT 5;

	first_name	last_name	total_paid
1	KARL	SEAL	221.55
2	ELEANOR	HUNT	218.54
3	CLARA	SHAW	195.58
4	RHONDA	KENNEDY	194.61
5	MARION	SNYDER	194.61

Execution finished without errors.

Result: 5 rows returned in 10ms

At line 1:

-- Query 4: Total payment received per customer

SELECT c.first_name, c.last_name, SUM(p.amount) AS total_paid

FROM customer c

JOIN payment p ON c.customer_id = p.customer_id

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

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1-- Query 5: List all films in the "Comedy" category

2SELECT f.title

3FROM film f

4JOIN film_category fc ON f.film_id = fc.film_id

5JOIN category c ON fc.category_id = c.category_id

6WHERE c.name = 'Comedy';

	title
1	AIRPLANE SIERRA
2	ANTHEM LUKE
3	BRINGING HYSTERICAL
4	CAPER MOTIONS
5	CAT CONEHEADS
6	CLOSER BANG
7	CONNECTION MICROCOSMOS

Execution finished without errors.
Result: 58 rows returned in 11ms
At line 1:
-- Query 5: List all films in the "Comedy" category
SELECT f.title
FROM film f
JOIN film_category fc ON f.film_id = fc.film_id

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

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1-- ✓ Query 6: Total number of customers per city

2SELECT ci.city, COUNT(*) AS total_customers

3FROM customer cu

4JOIN address a ON cu.address_id = a.address_id

5JOIN city ci ON a.city_id = ci.city_id

6GROUP BY ci.city

7ORDER BY total_customers DESC;

	city	total_customers
1	London	2
2	Aurora	2
3	s-Hertogenbosch	1
4	ostka	1
5	guas Lindas de Goiás	1
6	al-Qatif	1
7	al-Qadiriya	1

Execution finished without errors.

Result: 597 rows returned in 11ms

At line 1:

-- ✓ Query 6: Total number of customers per city

SELECT ci.city, COUNT(*) AS total_customers

FROM customer cu

JOIN address a ON cu.address_id = a.address_id

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

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Type: NULL; Size: 0 bytes

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1-- Query 7: Show all payments over \$10

2SELECT * FROM payment

3WHERE amount > 10;

	payment_id	customer_id	staff_id	rental_id	amount	
1	44	2	2	9236	10.99	2006
2	69	3	2	7603	10.99	2006
3	324	12	2	10392	10.99	2006
4	342	13	2	8831	11.99	2006
5	661	21	1	3212	10.99	2006
6	793	29	2	6442	10.99	2006

Execution finished without errors.

Result: 114 rows returned in 12ms

At line 1:

-- Query 7: Show all payments over \$10

SELECT * FROM payment

WHERE amount > 10;

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S...

1-- ✓ Query 8: List all staff members and the total payments they collected
2SELECT s.first_name, s.last_name, SUM(p.amount) AS total_collected
3FROM staff s
4JOIN payment p ON s.staff_id = p.staff_id
5GROUP BY s.staff_id;

	first_name	last_name	total_collected
1	Mike	Hillyer	33489.47
2	Jon	Stephens	33927.04

Execution finished without errors.
Result: 2 rows returned in 25ms
At line 1:
-- ✓ Query 8: List all staff members and the total payments they collected
SELECT s.first_name, s.last_name, SUM(p.amount) AS total_collected
FROM staff s

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Apply

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S...

```
2 DROP VIEW IF EXISTS top_customers;
3
4 CREATE VIEW top_customers AS
5 SELECT c.customer_id, c.first_name, c.last_name, SUM(p.amount)
6 FROM customer c
7 JOIN payment p ON c.customer_id = p.customer_id
8 GROUP BY c.customer_id
9 HAVING total_paid > 100;
10
```

Execution finished without errors.
Result: query executed successfully. Took 0ms
At line 4:
CREATE VIEW top_customers AS
SELECT c.customer_id, c.first_name, c.last_name, SUM(p.amount) AS
total_paid
FROM customer c
JOIN payment p ON c.customer_id = p.customer_id

Edit Database Cell

Mode: Text

NULL

No cell active.
Type: NULL; Size: 0 bytes

Apply

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