

SERVICIO NACIONAL DE APRENDIZAJE SENA

Consultas base de datos Sakila

Título: Consultas a la base de datos Sakila

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Introducción

El presente informe tiene como fin dar desarrollo a la guía de 20 consultas SQL para la base de datos SAKILA en mysql, las consultas a desarrollar son:

- Mostrar algunos campos en específico como actor_id; first_name, last name, last_update
- 2. Realizar una consulta de la misma tabla actor con los primeros tres campos de la consulta anterior y renombrar dos columnas, para darle presentación al resultado
- 3. Consulte los datos de la tabla customer
- 4. Después de la consulta anterior encontramos valores repetidos en el campo store id,

realice una consulta donde muestre valores únicos.

- 5. Consultemos la tabla payment con los valores distintos del campo customer_id
- 6. Realice una consulta de la tabla country y ordene el resultado de forma descendente con el campo del mismo nombre de la tabla.
- 7. De la tabla customer muestre resultados de forma ascendente el nombre
- 8. Consulta store_id, first_name y last_name de la tabla customer de la base de datos sakila.
- 9. Cambia el nombre de las columnas store_id, first_name y last_name a Tienda, Nombre
- y Apellido respectivamente.
- 10. Ordena de manera descendente la columna Apellido.
- 11. Realice una consulta de la tabla actor donde el nombre es DAN

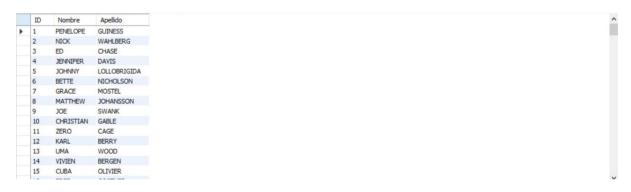
- 12. Realice una consulta de la tabla city donde el nombre es London
- 13. Realice una consulta de la tabla country donde el id es 102
- 14. Consultamos la tabla customer, luego solo los que se hallan registrado en la tienda
- 15. Consultamos la tabla inventory y queremos los film id mayores a 50
- 16. Consultamos la tabla de payment y queremos que el campo amount muestre resultados menores a 3
- 17. Vamos a comprobar si el resultado anterior es cierto con sentencia
- 18. Consultamos la tabla language y queremos los registros diferentes German
- 19. Consulta description, release year de la tabla film de la base de datos sakila.
- 20. Filtra la información donde title sea IMPACT ALADDIN

Desarrollo de las consultas

SELECT actor_id, first_name, last_name, last_update FROM actor;

5	actor_id	first_name	last_name	last_update
1		PENELOPE	GUINESS	2006-02-15 04:34:33
2		NICK	WAHLBERG	2006-02-15 04:34:33
3		ED	CHASE	2006-02-15 04:34:33
4	H	JENNIFER	DAVIS	2006-02-15 04:34:33
5		JOHNNY	LOLLOBRIGIDA	2006-02-15 04:34:33
6		BETTE	NICHOLSON	2006-02-15 04:34:33
7	9	GRACE	MOSTEL	2006-02-15 04:34:33
8		MATTHEW	JOHANSSON	2006-02-15 04:34:33
9		JOE	SWANK	2006-02-15 04:34:33
10	0	CHRISTIAN	GABLE	2006-02-15 04:34:33
1	1	ZERO	CAGE	2006-02-15 04:34:33
13	2	KARL	BERRY	2006-02-15 04:34:33
1.	3	UMA	WOOD	2006-02-15 04:34:33
1	4	VIVIEN	BERGEN	2006-02-15 04:34:33
1	5	CUBA	OLIVIER	2006-02-15 04:34:33
16	6	FRED	COSTNER	2006-02-15 04:34:33

SELECT actor_id AS ID, first_name AS Nombre, last_name AS Apellido FROM actor;



SELECT * FROM customer;

(customer_id	store_id	first_name	last_name	email	address_id	active	create_date	last_update	
1	1	1	MARY	SMITH	MARY.SMITH@sakilacustomer.org	5	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
2	2	1	PATRICIA	JOHNSON	PATRICIA.JOHNSON@sakilacustomer.org	6	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
3	3	1	LINDA	WILLIAMS	LINDA.WILLIAMS@sakilacustomer.org	7	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
4	ł	2	BARBARA	JONES	BARBARA.JONES@sakilacustomer.org	8	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
5	5	1	ELIZABETH	BROWN	ELIZABETH.BROWN@sakilacustomer.org	9	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
6	5	2	JENNIFER	DAVIS	JENNIFER.DAVIS@sakilacustomer.org	10	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
7	7	1	MARIA	MILLER	MARIA.MILLER@sakilacustomer.org	11	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
8	3	2	SUSAN	WILSON	SUSAN.WILSON@sakilacustomer.org	12	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
9)	2	MARGARET	MOORE	MARGARET.MOORE@sakilacustomer.org	13	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
1	10	1	DOROTHY	TAYLOR	DOROTHY.TAYLOR@sakilacustomer.org	14	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
1	11	2	LISA	ANDERSON	LISA.ANDERSON@sakilacustomer.org	15	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
1	12	1	NANCY	THOMAS	NANCY.THOMAS@sakilacustomer.org	16	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
1	13	2	KAREN	JACKSON	KAREN.JACKSON@sakilacustomer.org	17	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
1	14	2	BETTY	WHITE	BETTY.WHITE@sakilacustomer.org	18	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
1	15	1	HELEN	HARRIS	HELEN.HARRIS@sakilacustomer.org	19	1	2006-02-14 22:04:36	2006-02-15 04:57:20	
1	16	2	SANDRA	MARTIN	SANDRA.MARTIN@sakilacustomer.org	20	0	2006-02-14 22:04:36	2006-02-15 04:57:20	

SELECT DISTINCT store_id FROM customer;



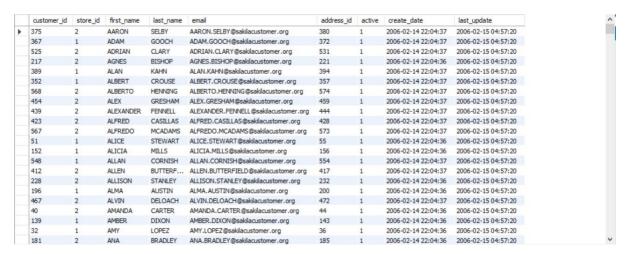
SELECT DISTINCT customer_id FROM payment;



SELECT * FROM country ORDER BY country DESC;



SELECT * FROM customer ORDER BY first_name ASC;



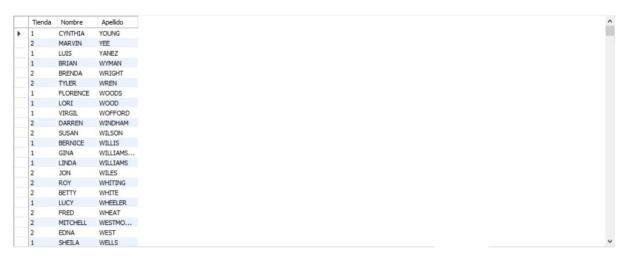
SELECT store id, first name, last name FROM customer;

#	Field	Schema	Table	Туре	Character Set	Display Size	Precision	Scale	
1	store_id	sakila	customer	TINYINT UNSIGNED	binary	3		1	0
2	first_name	sakila	customer	VARCHAR	utf8mb4	45	1:	1	0
3	last_name	sakila	customer	VARCHAR	utf8mb4	45	12	2	0

SELECT store_id AS Tienda, first_name AS Nombre, last_name AS Apellido FROM customer;



SELECT store_id AS Tienda, first_name AS Nombre, last_name AS Apellido FROM customer ORDER BY Apellido DESC;



SELECT * FROM actor WHERE first_name = 'DAN';

	actor_id	first_name	last_name	last_update
•	18	DAN	TORN	2006-02-15 04:34:33
	56	DAN	HARRIS	2006-02-15 04:34:33
	116	DAN	STREEP	2006-02-15 04:34:33
	HULL	NULL	NULL	NULL

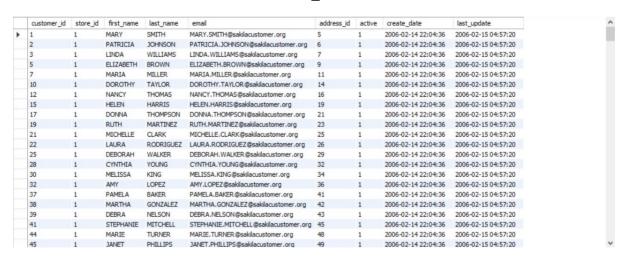
SELECT * FROM city WHERE city = 'London';

	city_id	city	country_id	last_update
•	312	London	102	2006-02-15 04:45:25
	313	London	20	2006-02-15 04:45:25
	NULL	NULL	NULL	NULL

SELECT * FROM country WHERE country id = 102;

	country_id	country	last_update
>	102	United Kingdom	2006-02-15 04:44:00
	NULL	NULL	MULL

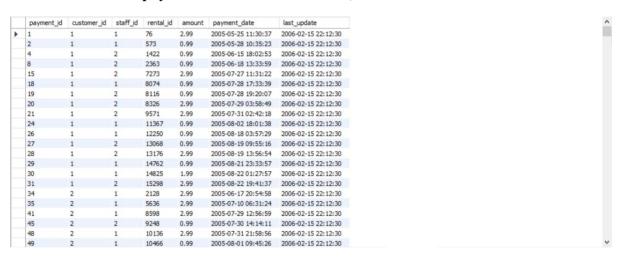
SELECT * FROM customer WHERE store id = 1;



SELECT * FROM inventory WHERE film id > 50;

	inventory_id	film_id	store_id	last_update
•	227	51	1	2006-02-15 05:09:17
	228	51	1	2006-02-15 05:09:17
	229	51	2	2006-02-15 05:09:17
	230	51	2	2006-02-15 05:09:17
	231	51	2	2006-02-15 05:09:17
	232	51	2	2006-02-15 05:09:17
	233	52	2	2006-02-15 05:09:17
	234	52	2	2006-02-15 05:09:17
	235	53	1	2006-02-15 05:09:17
	236	53	1	2006-02-15 05:09:17
	237	54	1	2006-02-15 05:09:17
	238	54	1	2006-02-15 05:09:17
	239	54	1	2006-02-15 05:09:17
	240	54	2	2006-02-15 05:09:17
	241	54	2	2006-02-15 05:09:17
	242	55	1	2006-02-15 05:09:17
	243	55	1	2006-02-15 05:09:17
	244	55	1	2006-02-15 05:09:17
	245	55	1	2006-02-15 05:09:17
	246	55	2	2006-02-15 05:09:17
	247	55	2	2006-02-15 05:09:17
	248	56	1	2006-02-15 05:09:17

SELECT * FROM payment WHERE amount < 3;



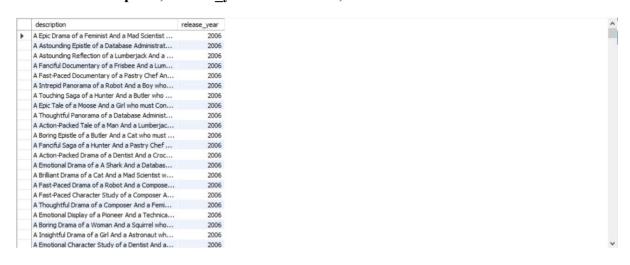
SELECT * FROM payment WHERE amount BETWEEN 0.01 AND 2.99;



SELECT * FROM language WHERE name <> 'German';

	language_id	name	last_update
•	1	English	2006-02-15 05:02:19
	2	Italian	2006-02-15 05:02:19
	3	Japanese	2006-02-15 05:02:19
	4	Mandarin	2006-02-15 05:02:19
	5	French	2006-02-15 05:02:19
	HULL	HULL	HULE

SELECT description, release_year FROM film;



SELECT * FROM film WHERE title = 'IMPACT ALADDIN';

film_id	title	description	release_year	language_id	original_language_id	rental_duration	rental_rate	length	replacement_cost	rating	special_features	last_update
	IMPACT ALADDIN	A Epic Charac	2006	1	NULL	6	0.99	180	20.99	PG-13	Trailers, Deleted Scenes	2006-02-15 05:03:42
HULL	NULL	NULL	NULL	MULL	NULL	NULL	HULL	NULL	NULL	NULL	NULL	NULL