



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:

1. 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
1
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;

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	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	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	CHRISTIAN	GABLE	2006-02-15 04:34:33
11	ZERO	CAGE	2006-02-15 04:34:33
12	KARL	BERRY	2006-02-15 04:34:33
13	UMA	WOOD	2006-02-15 04:34:33
14	VIVIEN	BERGEN	2006-02-15 04:34:33
15	CUBA	OLIVIER	2006-02-15 04:34:33
16	FRED	COSTNER	2006-02-15 04:34:33

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

ID	Nombre	Apellido
1	PENELOPE	GUINESS
2	NICK	WAHLBERG
3	ED	CHASE
4	JENNIFER	DAVIS
5	JOHNNY	LOLLOBRIGIDA
6	BETTE	NICHOLSON
7	GRACE	MOSTEL
8	MATTHEW	JOHANSSON
9	JOE	SWANK
10	CHRISTIAN	GABLE
11	ZERO	CAGE
12	KARL	BERRY
13	UMA	WOOD
14	VIVIEN	BERGEN
15	CUBA	OLIVIER

SELECT * FROM customer;

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

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
store_id				
1				
2				

SELECT DISTINCT customer_id FROM payment;

customer_id	
1	
2	
3	
4	
5	

SELECT * FROM country ORDER BY country DESC;

country_id	country	last_update
109	Zambia	2006-02-15 04:44:00
108	Yugoslavia	2006-02-15 04:44:00
107	Yemen	2006-02-15 04:44:00
106	Virgin Islands, U.S.	2006-02-15 04:44:00
105	Vietnam	2006-02-15 04:44:00
104	Venezuela	2006-02-15 04:44:00
103	United States	2006-02-15 04:44:00
102	United Kingdom	2006-02-15 04:44:00
101	United Arab Emirates	2006-02-15 04:44:00
100	Ukraine	2006-02-15 04:44:00
99	Tuvalu	2006-02-15 04:44:00
98	Turkmenistan	2006-02-15 04:44:00
97	Turkey	2006-02-15 04:44:00
96	Tunisia	2006-02-15 04:44:00
95	Tonga	2006-02-15 04:44:00
94	Thailand	2006-02-15 04:44:00
93	Tanzania	2006-02-15 04:44:00
92	Taiwan	2006-02-15 04:44:00
91	Switzerland	2006-02-15 04:44:00
90	Sweden	2006-02-15 04:44:00
89	Sri Lanka	2006-02-15 04:44:00

SELECT * FROM customer ORDER BY first_name ASC;

customer_id	store_id	first_name	last_name	email	address_id	active	create_date	last_update
375	2	AARON	SELBY	AARON.SELBY@sakilacustomer.org	380	1	2006-02-14 22:04:37	2006-02-15 04:57:20
367	1	ADAM	GOOCH	ADAM.GOOCH@sakilacustomer.org	372	1	2006-02-14 22:04:37	2006-02-15 04:57:20
525	2	ADRIAN	CLARY	ADRIAN.CLARY@sakilacustomer.org	531	1	2006-02-14 22:04:37	2006-02-15 04:57:20
217	2	AGNES	BISHOP	AGNES.BISHOP@sakilacustomer.org	221	1	2006-02-14 22:04:36	2006-02-15 04:57:20
389	1	ALAN	KAHN	ALAN.KAHN@sakilacustomer.org	394	1	2006-02-14 22:04:37	2006-02-15 04:57:20
352	1	ALBERT	CROUSE	ALBERT.CROUSE@sakilacustomer.org	357	1	2006-02-14 22:04:37	2006-02-15 04:57:20
568	2	ALBERTO	HENNING	ALBERTO.HENNING@sakilacustomer.org	574	1	2006-02-14 22:04:37	2006-02-15 04:57:20
454	2	ALEX	GRESHAM	ALEX.GRESHAM@sakilacustomer.org	459	1	2006-02-14 22:04:37	2006-02-15 04:57:20
439	2	ALEXANDER	FENNELL	ALEXANDER.FENNELL@sakilacustomer.org	444	1	2006-02-14 22:04:37	2006-02-15 04:57:20
423	2	ALFRED	CASILLAS	ALFRED.CASILLAS@sakilacustomer.org	428	1	2006-02-14 22:04:37	2006-02-15 04:57:20
567	2	ALFREDO	MCADAMS	ALFREDO.MCADAMS@sakilacustomer.org	573	1	2006-02-14 22:04:37	2006-02-15 04:57:20
51	1	ALICE	STEWART	ALICE.STEWART@sakilacustomer.org	55	1	2006-02-14 22:04:36	2006-02-15 04:57:20
152	1	ALICIA	MILLS	ALICIA.MILLS@sakilacustomer.org	156	1	2006-02-14 22:04:36	2006-02-15 04:57:20
548	1	ALLAN	CORNISH	ALLAN.CORNISH@sakilacustomer.org	554	1	2006-02-14 22:04:37	2006-02-15 04:57:20
412	2	ALLEN	BUTTERFIELD	ALLEN.BUTTERFIELD@sakilacustomer.org	417	1	2006-02-14 22:04:37	2006-02-15 04:57:20
228	2	ALLISON	STANLEY	ALLISON.STANLEY@sakilacustomer.org	232	1	2006-02-14 22:04:36	2006-02-15 04:57:20
196	1	ALMA	AUSTIN	ALMA.AUSTIN@sakilacustomer.org	200	1	2006-02-14 22:04:36	2006-02-15 04:57:20
467	2	ALVIN	DELOACH	ALVIN.DELOACH@sakilacustomer.org	472	1	2006-02-14 22:04:37	2006-02-15 04:57:20
40	2	AMANDA	CARTER	AMANDA.CARTER@sakilacustomer.org	44	1	2006-02-14 22:04:36	2006-02-15 04:57:20
139	1	AMBER	DIXON	AMBER.DIXON@sakilacustomer.org	143	1	2006-02-14 22:04:36	2006-02-15 04:57:20
32	1	AMY	LOPEZ	AMY.LOPEZ@sakilacustomer.org	36	1	2006-02-14 22:04:36	2006-02-15 04:57:20
181	2	ANA	BRADLEY	ANA.BRADLEY@sakilacustomer.org	185	1	2006-02-14 22:04:36	2006-02-15 04:57:20

SELECT store_id, first_name, last_name FROM customer;

#	Field	Schema	Table	Type	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	11	0
3	last_name	sakila	customer	VARCHAR	utf8mb4	45	12	0

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

	Tienda	Nombre	Apellido
1	1	MARY	SMITH
1	1	PATRICIA	JOHNSON
1	1	LINDA	WILLIAMS
2	2	BARBARA	JONES
1	1	ELIZABETH	BROWN
2	2	JENNIFER	DAVIS
1	1	MARIA	MILLER
2	2	SUSAN	WILSON
2	2	MARGARET	MOORE
1	1	DOROTHY	TAYLOR
2	2	LISA	ANDERSON
1	1	NANCY	THOMAS
2	2	KAREN	JACKSON
2	2	BETTY	WHITE
1	1	HELEN	HARRIS
2	2	SANDRA	MARTIN
1	1	DONNA	THOMPSON
2	2	CAROL	GARCIA
1	1	RUTH	MARTINEZ
2	2	SHARON	ROBINSON
1	1	MICHELLE	CLARK
1	1	LAURA	RODRIG...

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

	Tienda	Nombre	Apellido
1	1	CYNTHIA	YOUNG
2	2	MARVIN	YEE
1	1	LUIS	YANEZ
1	1	BRIAN	WYMAN
2	2	BRENDA	WRIGHT
2	2	TYLER	WREN
1	1	FLORENCE	WOODS
1	1	LORI	WOOD
1	1	VIRGIL	WOFFORD
2	2	DARREN	WINDHAM
2	2	SUSAN	WILSON
1	1	BERNICE	WILLIS
1	1	GINA	WILLIAMS...
1	1	LINDA	WILLIAMS
2	2	JON	WILES
2	2	ROY	WHITING
2	2	BETTY	WHITE
1	1	LUCY	WHEELER
2	2	FRED	WHEAT
2	2	MITCHELL	WESTMO...
2	2	EDNA	WEST
1	1	SHEILA	WELLS

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
✱	NULL	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	NULL

SELECT * FROM customer WHERE store_id = 1;

	customer_id	store_id	first_name	last_name	email	address_id	active	create_date	last_update
▶	1	1	MARY	SMITH	MARY.SMITH@sakilacustomer.org	5	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	2	1	PATRICIA	JOHNSON	PATRICIA.JOHNSON@sakilacustomer.org	6	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	3	1	LINDA	WILLIAMS	LINDA.WILLIAMS@sakilacustomer.org	7	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	5	1	ELIZABETH	BROWN	ELIZABETH.BROWN@sakilacustomer.org	9	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	7	1	MARIA	MILLER	MARIA.MILLER@sakilacustomer.org	11	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	10	1	DOROTHY	TAYLOR	DOROTHY.TAYLOR@sakilacustomer.org	14	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	12	1	NANCY	THOMAS	NANCY.THOMAS@sakilacustomer.org	16	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	15	1	HELEN	HARRIS	HELEN.HARRIS@sakilacustomer.org	19	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	17	1	DONNA	THOMPSON	DONNA.THOMPSON@sakilacustomer.org	21	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	19	1	RUTH	MARTINEZ	RUTH.MARTINEZ@sakilacustomer.org	23	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	21	1	MICHELLE	CLARK	MICHELLE.CLARK@sakilacustomer.org	25	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	22	1	LAURA	RODRIGUEZ	LAURA.RODRIGUEZ@sakilacustomer.org	26	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	25	1	DEBORAH	WALKER	DEBORAH.WALKER@sakilacustomer.org	29	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	28	1	CYNTHIA	YOUNG	CYNTHIA.YOUNG@sakilacustomer.org	32	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	30	1	MELISSA	KING	MELISSA.KING@sakilacustomer.org	34	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	32	1	AMY	LOPEZ	AMY.LOPEZ@sakilacustomer.org	36	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	37	1	PAMELA	BAKER	PAMELA.BAKER@sakilacustomer.org	41	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	38	1	MARTHA	GONZALEZ	MARTHA.GONZALEZ@sakilacustomer.org	42	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	39	1	DEBRA	NELSON	DEBRA.NELSON@sakilacustomer.org	43	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	41	1	STEPHANIE	MITCHELL	STEPHANIE.MITCHELL@sakilacustomer.org	45	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	44	1	MARIE	TURNER	MARIE.TURNER@sakilacustomer.org	48	1	2006-02-14 22:04:36	2006-02-15 04:57:20
	45	1	JANET	PHILLIPS	JANET.PHILLIPS@sakilacustomer.org	49	1	2006-02-14 22:04:36	2006-02-15 04:57:20

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;

	payment_id	customer_id	staff_id	rental_id	amount	payment_date	last_update
1	1	1	1	76	2.99	2005-05-25 11:30:37	2006-02-15 22:12:30
2	1	1	1	573	0.99	2005-05-28 10:35:23	2006-02-15 22:12:30
4	1	2	2	1422	0.99	2005-06-15 18:02:53	2006-02-15 22:12:30
8	1	2	2	2363	0.99	2005-06-18 13:33:59	2006-02-15 22:12:30
15	1	2	2	7273	2.99	2005-07-27 11:31:22	2006-02-15 22:12:30
18	1	1	1	8074	0.99	2005-07-28 17:33:39	2006-02-15 22:12:30
19	1	2	2	8116	0.99	2005-07-28 19:20:07	2006-02-15 22:12:30
20	1	2	2	8326	2.99	2005-07-29 03:58:49	2006-02-15 22:12:30
21	1	2	2	9571	2.99	2005-07-31 02:42:18	2006-02-15 22:12:30
24	1	1	1	11367	0.99	2005-08-02 18:01:38	2006-02-15 22:12:30
26	1	1	1	12250	0.99	2005-08-18 03:57:29	2006-02-15 22:12:30
27	1	2	2	13068	0.99	2005-08-19 09:55:16	2006-02-15 22:12:30
28	1	2	2	13176	2.99	2005-08-19 13:56:54	2006-02-15 22:12:30
29	1	1	1	14762	0.99	2005-08-21 23:33:57	2006-02-15 22:12:30
30	1	1	1	14825	1.99	2005-08-22 01:27:57	2006-02-15 22:12:30
31	1	2	2	15298	2.99	2005-08-22 19:41:37	2006-02-15 22:12:30
34	2	1	1	2128	2.99	2005-06-17 20:54:58	2006-02-15 22:12:30
35	2	1	1	5636	2.99	2005-07-10 06:31:24	2006-02-15 22:12:30
41	2	1	1	8598	2.99	2005-07-29 12:56:59	2006-02-15 22:12:30
45	2	2	2	9248	0.99	2005-07-30 14:14:11	2006-02-15 22:12:30
48	2	1	1	10136	2.99	2005-07-31 21:58:56	2006-02-15 22:12:30
49	2	1	1	10466	0.99	2005-08-01 09:45:26	2006-02-15 22:12:30

SELECT * FROM payment WHERE amount BETWEEN 0.01 AND 2.99;

	payment_id	customer_id	staff_id	rental_id	amount	payment_date	last_update
1	1	1	1	76	2.99	2005-05-25 11:30:37	2006-02-15 22:12:30
2	1	1	1	573	0.99	2005-05-28 10:35:23	2006-02-15 22:12:30
4	1	2	2	1422	0.99	2005-06-15 18:02:53	2006-02-15 22:12:30
8	1	2	2	2363	0.99	2005-06-18 13:33:59	2006-02-15 22:12:30
15	1	2	2	7273	2.99	2005-07-27 11:31:22	2006-02-15 22:12:30
18	1	1	1	8074	0.99	2005-07-28 17:33:39	2006-02-15 22:12:30
19	1	2	2	8116	0.99	2005-07-28 19:20:07	2006-02-15 22:12:30
20	1	2	2	8326	2.99	2005-07-29 03:58:49	2006-02-15 22:12:30
21	1	2	2	9571	2.99	2005-07-31 02:42:18	2006-02-15 22:12:30
24	1	1	1	11367	0.99	2005-08-02 18:01:38	2006-02-15 22:12:30
26	1	1	1	12250	0.99	2005-08-18 03:57:29	2006-02-15 22:12:30
27	1	2	2	13068	0.99	2005-08-19 09:55:16	2006-02-15 22:12:30
28	1	2	2	13176	2.99	2005-08-19 13:56:54	2006-02-15 22:12:30
29	1	1	1	14762	0.99	2005-08-21 23:33:57	2006-02-15 22:12:30
30	1	1	1	14825	1.99	2005-08-22 01:27:57	2006-02-15 22:12:30
31	1	2	2	15298	2.99	2005-08-22 19:41:37	2006-02-15 22:12:30
34	2	1	1	2128	2.99	2005-06-17 20:54:58	2006-02-15 22:12:30
35	2	1	1	5636	2.99	2005-07-10 06:31:24	2006-02-15 22:12:30
41	2	1	1	8598	2.99	2005-07-29 12:56:59	2006-02-15 22:12:30
45	2	2	2	9248	0.99	2005-07-30 14:14:11	2006-02-15 22:12:30
48	2	1	1	10136	2.99	2005-07-31 21:58:56	2006-02-15 22:12:30
49	2	1	1	10466	0.99	2005-08-01 09:45:26	2006-02-15 22:12:30

