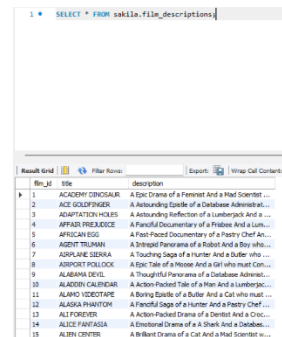


Actividad 23

- Los identificadores, títulos y descripciones de las películas en el catalogo.

```
create view film_descriptions as
SELECT film_id,title,description
FROM film f
```

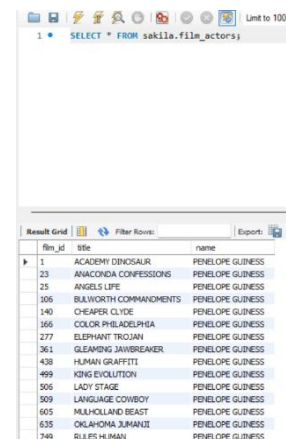


1 • SELECT * FROM sakila.film_descriptions;

film_id	title	description
1	ACADEMY DINOSAUR	A Epic Drama of a Farmer And a Mad Scientist...
2	ACE GOLDFINGER	A Actioning Epistle of a Database Administrator...
3	ADAPTATION HUES	A Actioning Reflection of a Lunatic and a ...
4	AFFAIR PRELUDE	A Farcical Documentary of a Trades And a Lun...
5	AFRICAN EGG	A Fast-Paced Documentary of a Pastry Chef An...
6	AGENT TROJAN	A Thrilling Panorama of a Robot And a Boy who...
7	AIRPLANE SIERRA	A Touching Saga of a Hunter And a Butler who...
8	AIRPORT POLLOCK	A Epic Tale of a Messer And a Girl who must Con...
9	ALABAMA DECEIT	A Thoughtful Panorama of a Database Administrator...
10	ALADDIN CALENDAR	A Action-Packed Tale of a Man And a Lunatic...
11	ALAMO VEDETTE	A Boring Tale of a Butler And a Cat who must ...
12	ALASKA PARADISE	A Farcical Saga of a Hunter And a Pastry Chef...
13	ALTFORER	A Action-Packed Drama of a Dentist And a Crim...
14	ALICE FANTASIA	A Emotional Drama of a Shark And a Database...
15	ALVIN CRIBER	A Brilliant Drama of a Cat And a Mad Scientist...

- Los identificadores, títulos de las películas en el catalogo y nombres completos de los actores que participan en cada una de ellas.

```
create view film_actors as
SELECT f.film_id,f.title,concat(a.first_name," ",a.last_name) as name
FROM film f
INNER JOIN film_actor fa on f.film_id=fa.film_id
INNER JOIN actor a on fa.actor_id=fa.actor_id
```



1 • SELECT * FROM sakila.film_actors;

film_id	title	name
1	ACADEMY DINOSAUR	PENELOPE GUINNESS
23	ANACONDA CONFESSIONS	PENELOPE GUINNESS
25	ANGELS LIFE	PENELOPE GUINNESS
106	BALWORTH COMMANDMENTS	PENELOPE GUINNESS
140	CHEAPER CLYDE	PENELOPE GUINNESS
166	COLOUR PHILADELPHIA	PENELOPE GUINNESS
277	ELEPHANT TROJAN	PENELOPE GUINNESS
361	GLEAMING JAWBREAKER	PENELOPE GUINNESS
438	HUMAN GRAFFITI	PENELOPE GUINNESS
499	KING EVOLUTION	PENELOPE GUINNESS
506	LADY STAGE	PENELOPE GUINNESS
509	LANGUAGE COWBOY	PENELOPE GUINNESS
605	MULHOLLAND BEAST	PENELOPE GUINNESS
635	OKLAHOMA JUMANZI	PENELOPE GUINNESS
749	RULES HUMAN	PENELOPE GUINNESS

- Los nombres completos de los actores registrados así como los títulos de las películas en que participan que están el catalogo de la empresa

create view actor_film as

SELECT concat(a.first_name," ",a.last_name) as name,f.title

FROM actor a

INNER JOIN film_actor fa on a.actor_id=fa.actor_id

INNER JOIN film f on fa.film_id=f.film_id

1 • SELECT * FROM sakila.actor_film;

name	title
PENELOPE GUINESS	ACADEMY DINOSAUR
PENELOPE GUINESS	ANACONDA CONFESSIONS
PENELOPE GUINESS	ANGELS LIFE
PENELOPE GUINESS	BULWORTH COMMANDMENTS
PENELOPE GUINESS	CHEAPER CLYDE
PENELOPE GUINESS	COLOR PHILADELPHIA
PENELOPE GUINESS	ELEPHANT TROJAN
PENELOPE GUINESS	GLEAMING JAWBREAKER
PENELOPE GUINESS	HUMAN GRAFFITI
PENELOPE GUINESS	KING EVOLUTION
PENELOPE GUINESS	LADY STAGE
PENELOPE GUINESS	LANGUAGE COWBOY
PENELOPE GUINESS	MULHOLLAND BEAST
PENELOPE GUINESS	OKLAHOMA JUMANJI

- Los nombres de los clientes y los títulos de las películas que ha rentado

create view film_rent as

SELECT concat(c.first_name," ",c.last_name) as name, f.title

FROM rental r

INNER JOIN customer c on r.customer_id=c.customer_id

INNER JOIN inventory i on r.inventory_id=i.inventory_id

INNER JOIN film f on i.film_id=f.film_id

1 • SELECT * FROM sakila.film_rent;

name	title
MARY SMITH	PATIENT SISTER
MARY SMITH	TALENTED HOMICIDE
MARY SMITH	MURKETEERS WATT
MARY SMITH	DETECTIVE VISION
MARY SMITH	FERRIS MOTHER
MARY SMITH	CLOSER BANG
PATRICIA JOHNSON	DOORS PRESIDENT
LINDA WILLIAMS	RINGS HEARTBREAKERS
LINDA WILLIAMS	SALUTE APOLLO
LINDA WILLIAMS	STRANGERS GRAFFITI
LINDA WILLIAMS	ANACONDA CONFESSIONS...
LINDA WILLIAMS	DADDY PITTSBURGH
BARBARA JONES	DOGMA FAMILY
BARBARA JONES	BEDAZZLED MARRIED
BARBARA JONES	ARTIST COLDBLOODED

- Lista cuantos clientes tiene cada miembro del staff

```
create view staff_customer as
SELECT s.staff_id,concat(s.first_name," ",s.last_name) as name,
count(c.customer_id) as customers
FROM staff s
LEFT JOIN store st on s.store_id=st.store_id
LEFT JOIN customer c on st.store_id=c.store_id
GROUP BY s.staff_id, s.first_name, s.last_name
```

1 • SELECT * FROM sakila.staff_customer;

staff_id	name	customers
1	Mike Hillyer	326
2	Jon Stephens	273

- La suma de pagos registrados agrupados por tienda y la dirección de la tienda

```
create view store_total_amount as
SELECT s.store_id, a.address,sum(amount) as total
FROM store st
INNER JOIN address a on st.address_id=a.address_id
INNER JOIN staff s on st.store_id=s.store_id
INNER JOIN payment p on s.staff_id=p.staff_id
GROUP BY st.store_id,st.address_id
```

1 • SELECT * FROM sakila.store_total_amount;

store_id	address	total
1	47 MySakila Drive	4281.66
2	28 MySQL Boulevard	3935.35

- El monto total de pagos por cada cliente, pero solo para aquellos que han realizado mas de 5 pagos

```
create view customer_payment as
SELECT c.customer_id,concat(c.first_name," ",c.last_name) as name,
count(payment_id) as pagos, sum(p.amount) as total_amount
FROM payment p
INNER JOIN customer c on p.customer_id=c.customer_id
GROUP BY customer_id
HAVING pagos>5
```

1 • SELECT * FROM sakila.customer_payment;

customer_id	name	pagos	total_amount
1	MARY SMITH	6	25.94
6	JENNIFER DAVIS	6	16.94
7	MARIA MILLER	6	21.94
14	BETTY WHITE	6	25.94
16	SANDRA MARTIN	6	25.94
19	RUTH MARTINEZ	6	26.94
44	MARIE TURNER	6	16.94
49	JOYCE EDWARDS	8	32.92
50	DIANE COLLINS	7	32.93
53	HEATHER MORRIS	7	27.93
77	JANE BENNETT	6	19.94
83	LOUISE JENKINS	6	20.94
84	SARA PERRY	6	19.94
89	JULIA FLORES	6	31.94

- El número de películas según su clasificación (rating)

create view rating_film as

SELECT f.rating, count(film_id) as flims

FROM film f

group by rating

1 • SELECT * FROM sakila.rating_film

rating	flims
G	178
PG	194
PG-13	223
R	195
NC-17	210

- Calcule la cantidad de títulos de películas en cada duración de renta (rental_duration)

create view film_duration as

SELECT f.rental_duration, count(f.film_id)

FROM film f

GROUP BY f.rental_duration

1 • SELECT * FROM sakila.film_duration

rental_duration	count(f.film_id)
3	203
4	203
5	191
6	212
7	191

- Lista el monto total de pagos recibidos por cada mes

create view month_payment as

SELECT month(payment_date) as month, sum(amount) as total

FROM payment p

group by month

1 • SELECT * FROM sakila.month_payment

month	total
5	4823.44
6	3393.57