-- **Seleccionar todos los campos de la tabla**

-- **SELECT nombre_columna, nombre_columna2, ... FROM nombre_tabla**

SELECT * FROM actor; -- * para todas las columnas

SELECT first_name, last_name, email FROM customer;

-- **Seleccionar 10 registros de la tabla film**

-- **SELECT nombre_columna,... FROM nombre_tabla LIMIT numero_registros**

SELECT * FROM film LIMIT 10;

SELECT * FROM payment LIMIT 5;

-- **Seleccionar los 5 primeros registros despues de los primeros 100 registros**

-- **de la tabla clientes**

-- **SELECT columnas FROM nombre_tabla LIMIT numero_cuantos OFFSET numero_desde**

SELECT * FROM customer LIMIT 5 OFFSET 100;

-- **SELECT CON CONDICIONAL**

-- **Seleccionar todos los campos de clientes que se llamen John**

-- **SELECT columnas FROM nombre_tabla WHERE condicion**

SELECT * FROM customer WHERE first_name = 'John';

SELECT * FROM customer WHERE customer_id = 1;

-- **Si no conocemos el valor exacto para el nombre del cliente: LOWER, UPPER**

SELECT * FROM customer WHERE LOWER(first_name) = 'john';

SELECT * FROM customer WHERE UPPER(first_name) = 'JOHN';

-- **Si deseo consultar un dato pero no se su valor exacto puedo utilizar**

-- **LIKE junto con los signos % y _**

-- **% : zero a muchos caracteres y _: un unico caracter**

```sql
SELECT * FROM customer WHERE last_name LIKE 'Ma%';
SELECT * FROM customer WHERE last_name LIKE 'Ma____';


SELECT * FROM customer WHERE last_name LIKE '%tox';


SELECT * FROM customer WHERE UPPER(last_name) LIKE '%TOX';
```

-- **Seleccionar todos los campos de películas que tengan un rating de PG o G.**

```sql
SELECT * FROM film WHERE rating = 'PG' OR rating = 'G';
```

-- **Buscar valores específicos**

-- **SELECT columnas FROM nombre_table WHERE nombre_columna IN (valor1, valor2, ..., valorn)**

```sql
SELECT * FROM film WHERE rating IN ('PG', 'G', 'PG-13');


SELECT title FROM film WHERE LOWER(title) IN ('alice fantasia', 'blade polish');
```

-- **Buscar las peliculas con el id de 1 a 10**

-- **SELECT columnas FROM nombre_tabla WHERE nombre_columna BETWEEN numero AND numero;**

```sql
SELECT * FROM film WHERE film_id BETWEEN 1 AND 10;


SELECT * FROM film WHERE film_id >= 1 AND film_id <= 10;
```

-- **Buscar valores nulos o vacios**

-- **SELECT columnas FROM nombre_table WHERE nombre_columna IS NULL;**

-- **Selecionar todos los campos de la tabla direcciones DONDE direccion 2 sea NULL**

```sql
SELECT * FROM address WHERE address2 IS NULL;
```

-- **Seleccionar todos los campos de la tabla direcciones donde direccion 2 sea vacio**

```sql
SELECT * FROM address WHERE address2 = '';


-- ORDER LOS REGISTROS

-- SELECT columnas FROM nombre_table

-- WHERE condicional (opcional)

-- ORDER BY columna(s)

-- DESC (opcional)

-- Seleccionar todos los campos de películas (film) y ordenarlos por su id.

SELECT * FROM film

ORDER BY film_id;

-- Seleccionar customer_id y rental_id de rental y

-- ordenarlos por customer_id y luego por rental_id

SELECT customer_id, rental_id FROM rental

ORDER BY customer_id, rental_id; -- el orden importa


-- puedo ordenar por

SELECT * FROM film

ORDER BY title;


SELECT * FROM payment

SELECT MIN (amount) FROM payment

SELECT MAX (amount) FROM payment WHERE amount <= 7

SELECT MIN (payment_date) FROM PAYMENT
```

```
1  SELECT * FROM payment
2  SELECT MIN (amount) FROM payment
3  SELECT MAX (amount) FROM payment WHERE amount <= 7
4  SELECT MIN (payment_date) FROM PAYMENT
```

	min timestamp without time zone
1	2007-02-14 21:21:59.996577

SELECT COUNT (*)FROM customer

	count bigint
1	599

– Que no se repita

SELECT COUNT (DISTINCT active) FROM customer

SELECT * FROM address ORDER BY postal_code

SELECT COUNT (DISTINCT postal_code) FROM address

	count bigint
1	597

SELECT COUNT (*) FROM address

– El conteo a una columna especifica n cuenta los null

SELECT rating, COUNT (rating) FROM FILM GROUP BY rating

SELECT rating as Clasificación, COUNT (rating) as conteo FROM FILM GROUP BY rating

SELECT customer_id AS cliente, AVG (amount) as Promedio FROM payment GROUP BY customer_id

Data Output   Messages   Notifications

	cliente smallint 🔒	promedio numeric 🔒
1	184	4.0400000000000000
2	87	4.9185714285714286
3	477	5.0852380952380952
4	273	4.6685714285714286
5	550	4.8932258064516129
6	51	4.1233333333333333
7	394	3.8900000000000000
8	272	5.0669230769230769
9	70	4.4605882352941176

SELECT customer_id AS cliente, AVG (amount) as Promedio FROM payment GROUP BY customer_id ORDER BY Promedio DESC

Data Output   Messages   Notifications

	cliente smallint 🔒	promedio numeric 🔒
1	187	5.6196296296296296
2	321	5.5194117647058824
3	19	5.4900000000000000
4	3	5.4483333333333333
5	311	5.3900000000000000
6	542	5.3025000000000000
7	310	5.2976923076923077
8	508	5.2943478260869565
9	259	5.1566666666666667

SELECT * FROM actor where first_name = 'Julia';

SELECT * FROM actor WHERE first_name IN ('Chris','Cameron','Cuba');

SELECT * FROM actor WHERE first_name IN ('Chris','Cameron','Cuba');

Selecciona el monto y la fecha de pago de la tabla payment donde el monto pagado sea menor a $1.

SELECT * FROM payment WHERE amount > 1;

SELECT * FROM rental WHERE rental_date IS NOT null ORDER BY return_date DESC
LIMIT 3

rental_id [PK] integer	rental_date timestamp without time zone	inventory_id integer	customer_id smallint	return_date timestamp without time zone	staff_id smallint	last_update timestamp without time zon
11496	2006-02-14 15:16:03	2047	155	[null]	1	2006-02-16 02:30:53
11541	2006-02-14 15:16:03	2026	335	[null]	1	2006-02-16 02:30:53
12101	2006-02-14 15:16:03	1556	479	[null]	1	2006-02-16 02:30:53

SELECT rating, COUNT (rating) FROM film WHERE rating IN ('NC-17','PG','PG-13')
GROUP BY rating

rating mpaa_rating	count bigint
NC-17	210
PG	194
PG-13	223

SELECT country_id, COUNT (*) FROM city GROUP BY country_id ORDER BY country_id

6   SELECT COUNT (DISTINCT active) FROM customer

country_id smallint	count bigint
1	1
2	3
3	1
4	2

SELECT country_id, COUNT (*) as conteo FROM city GROUP BY country_id ORDER BY conteo

ata Output   Messages   Notifications

country_id smallint 🔒	conteo bigint 🔒
99	1
47	1
42	1
21	1

SELECT * FROM payment

SELECT MIN (amount) FROM payment

SELECT MAX (amount) FROM payment WHERE amount <= 7

SELECT MIN (payment_date) FROM PAYMENT

SELECT COUNT (*)FROM customer

SELECT COUNT (DISTINCT active) FROM customer

SELECT * FROM address ORDER BY postal_code

SELECT COUNT (DISTINCT postal_code) FROM address

SELECT COUNT (*) FROM

SELECT * FROM film

SELECT rating, COUNT (rating) FROM FILM GROUP BY rating

SELECT rating as Clasificación, COUNT (rating) as conteo FROM FILM GROUP BY rating

SELECT customer_id AS cliente, AVG (amount) as Promedio FROM payment GROUP BY customer_id ORDER BY Promedio DESC

-- Selecciona las columnas film_id y title de la tabla film.

SELECT * FROM actor where first_name = 'Julia';

-- Obtén una lista de actores con los nombres Chris, Cameron o Cuba.

SELECT * FROM actor WHERE first_name IN ('Chris','Cameron','Cuba');

-- Selecciona la fila de la tabla customer para el cliente con el nombre Jamie Rice.

SELECT * FROM actor WHERE first_name = 'Jamie' and last_name ='Rice';

-- Selecciona el monto y la fecha de pago de la tabla payment donde el monto pagado sea menor a $1.

SELECT * FROM payment WHERE amount > 1;

-- ¿Cuáles son las diferentes duraciones de alquiler permitidas por la tienda?

SELECT * FROM rental GROUP BY

-- Ordena las filas en la tabla city por country_id y luego por city.

-- ¿Cuáles son los ID de los últimos 3 clientes que devolvieron un alquiler?

SELECT * FROM rental WHERE rental_date IS NOT null ORDER BY return_date DESC LIMIT 3

-- ¿Cuántas películas tienen clasificación NC-17? ¿Cuántas tienen clasificación PG o PG-13?

SELECT rating, COUNT (rating) FROM film WHERE rating IN ('NC-17','PG','PG-13') GROUP BY rating

SELECT country_id, COUNT (*) FROM city GROUP BY country_id ORDER BY country_id

SELECT country_id, COUNT (*) as conteo FROM city GROUP BY country_id ORDER BY conteo