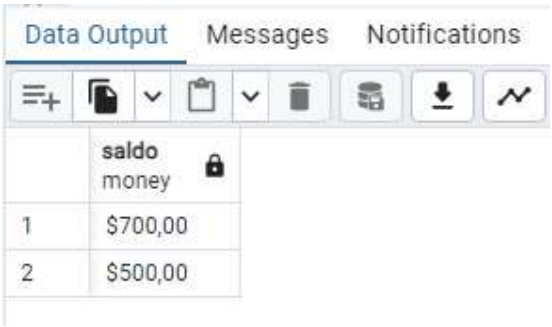
Reto 25

Consultas:

1) **Usuario y Cuenta**

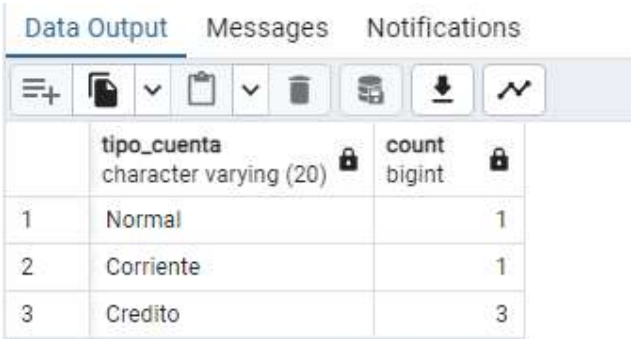
```
SELECT AVG(cast(cu.saldo as numeric))

FROM cuentas cu, usuario us

WHERE us.cedula = cu.cedula_propietario AND us.cedula = '11052';
```



Data Output | Messages | Notifications

	saldo money
1	$700,00
2	$500,00

```
SELECT tipo_cuenta, Count(tipo_cuenta) FROM usuario GROUP BY tipo_cuenta;
```

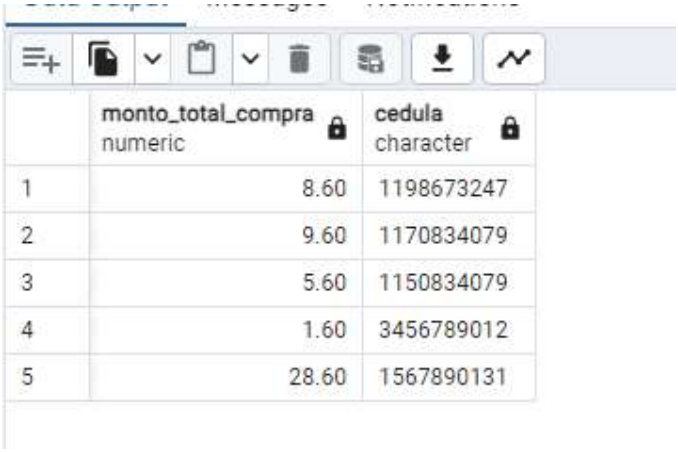


Data Output | Messages | Notifications

	tipo_cuenta character varying (20)	count bigint
1	Normal	1
2	Corriente	1
3	Credito	3

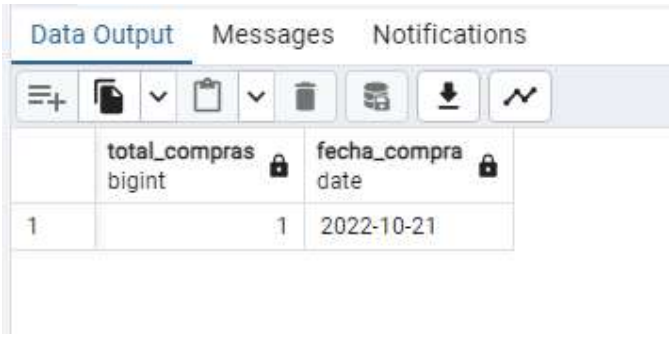
2) **Clientes con compras**

```
SELECT SUM(monto) AS monto_total_compra, cedula

FROM  compras

GROUP BY (cedula);
```



	monto_total_compra numeric	cedula character
1	8.60	1198673247
2	9.60	1170834079
3	5.60	1150834079
4	1.60	3456789012
5	28.60	1567890131

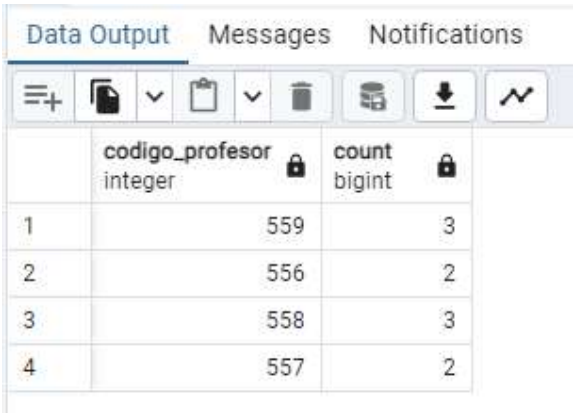
```
SELECT COUNT(fecha_compra) AS total_compras, fecha_compra
FROM compras
WHERE fecha_compra='2022-10-21'
GROUP BY (fecha_compra);
```



	total_compras bigint	fecha_compra date
1	1	2022-10-21

3) Estudiantes y Profesores

```
SELECT codigo_profesor, COUNT(*)
FROM estudiantes
GROUP BY (codigo_profesor);
```



	codigo_profesor integer	count bigint
1	559	3
2	556	2
3	558	3
4	557	2

SELECT ROUND (AVG(EXTRACT(year from current_date) - EXTRACT(year from fecha_nacimiento))) as edad_promedio FROM estudiantes;

	edad_promedio numeric
1	25

4) Persona y Préstamo

SELECT cedula, SUM(monto)

FROM prestamo

GROUP BY (cedula);

Data Output Messages Notifications

	cedula [PK] character	sum money
1	5678901234	$600,00
2	1234567890	$1.000,00
3	4567890123	$700,00
4	1635976248	$950,00
5	3456789012	$1.000,00
6	1165347893	$800,00
7	5668342327	$900,00
8	1153246879	$400,00

SELECT COUNT(*) as total_personas

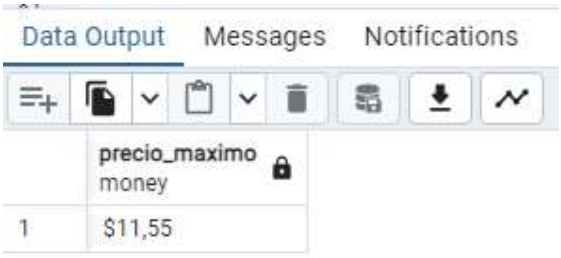
FROM persona

WHERE numero_hijos>1;

	total_personas bigint
1	8

5) Productos y Ventas

SELECT MAX(precio) AS precio_maximo FROM productos;



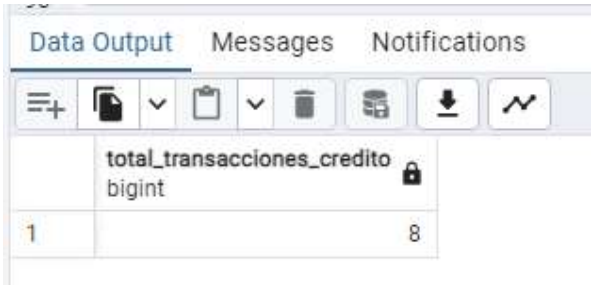
SELECT SUM(cantidad) AS cantidad_total_vendida

FROM ventas;

6) Transacciones y Banco

SELECT count(tipo) AS total_transacciones_credito

FROM transacciones WHERE tipo ='C';



SELECT numero_cuenta , ROUND(AVG(CAST(monto as DECIMAL(10, 2))), 2) AS monto_promedio FROM transacciones GROUP BY numero_cuenta;

Data Output | Messages | Notifications

	numero_cuenta character	monto_promedio numeric
1	85213	2000.00
2	32102	500.65
3	22633	100.00
4	22004	35.00
5	75369	200.00
6	22640	90.00
7	02147	300.00
8	74125	900.00
9	22001	45.00

7) Videojuegos y Plataformas

SELECT codigo_videojuego, COUNT (id_plataforma) AS total_plataformas

FROM plataformas GROUP BY (codigo_videojuego);

Data Output | Messages | Notifications

	codigo_videojuego integer	total_plataformas bigint
1	70215	1
2	121	1
3	117	1
4	119	1
5	54682	1
6	120	1
7	118	1
8	7563	1

SELECT ROUND(AVG(valoracion),2)AS valoracion_promedio

FROM videojuegos;

Data Output | Messages | Notifications

	valoracion_promedio numeric
1	6.44

8) Registros_entrada y Empleado

SELECT cedula_empleado,COUNT(cedula_empleado) AS total_registro_entrada

FROM registros_entradas GROUP BY(cedula_empleado);

Data Output | Messages | Notifications

	cedula_empleado character	total_registro_entrada bigint
1	1123456789	1
2	1167890123	1
3	1101234567	1
4	1112345678	1
5	1156789012	1
6	1134567890	1
7	1178901234	1
8	1190123456	1
9	1189012345	1

SELECT MIN(fecha) AS fecha_minima, MAX(fecha) as fecha_maxima

FROM registros_entradas;

Data Output | Messages | Notifications

	fecha_minima date	fecha_maxima date
1	2022-12-29	2023-12-31