

Actividad 6 challenge 8

ventas.sql

1. **Compradores con ventas en 2020 mayores o iguales al valor medio de las ventas de ese año:**

```
SELECT comprador.*, venta.*
FROM comprador
JOIN venta ON comprador.idCom = venta.idComprador
WHERE YEAR(venta.fechaVenta) = 2020
AND venta.totalVenta >= (
    SELECT AVG(totalVenta)
    FROM venta
    WHERE YEAR(fechaVenta) = 2020
);
```

MySQL Workbench

Local instance 3306

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Schemas

CHEMAS

Filter objects

abylatella

Alminarock

ceutacar

developers

marinadog618

smallCompany

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idCom

nombreCom

ap1Com

ap2Com

ciudad

categoria

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vendedor

Object Info

Session

Query 8

Limit to 1000 rows

```

1 • SELECT comprador.*, venta.*
2 FROM comprador
3 JOIN venta ON comprador.idCom = venta.idComprador
4 WHERE YEAR(venta.fechaVenta) = 2020
5 AND venta.totalVenta >= (
6     SELECT AVG(totalVenta)
7     FROM venta
8     WHERE YEAR(fechaVenta) = 2020

```

Result Grid

#	idCom	nombreCom	ap1Com	ap2Com	ciudad	categoria	idVenta	totalVenta	fechaVenta
1	119	Ethan	Harrington	Sweet	Kano	7	2	1423.51	2020-01-01
2	34	Wesley	Sherman	Hawkins	Florø	5	11	1015.95	2020-01-01
3	53	Keefe	Holloway	Burks	Palu	10	14	1057.52	2020-01-01
4	220	Simon	Phillips	Hess	Kaduna	2	18	1359.42	2020-01-01
5	232	Chaim	Weiss	Boyle	Bastia	1	20	1156.48	2020-01-01
6	103	Ulric	Fitzpatrick	Middleton	Ciudad Madero	9	31	1000.31	2020-01-01

Result 7

Action Output

#	Time	Action	Message
✓ 186	03:10:26	INSERT INTO `venta` (`idVenta`, `totalVenta`, `fechaVent...	10 row(s) affected Records: 10 Duplicate
✓ 187	03:11:02	use tienda	0 row(s) affected
✓ 188	03:11:02	use tienda	0 row(s) affected
✗ 189	03:11:13	SELECT comprador.id_comprador, comprador.nombre, ...	Error Code: 1054. Unk
✗ 190	03:11:37	SELECT venta.* FROM venta WHERE NOT EXISTS (SELE...	Error Code: 1054. Unk
✗ 191	03:11:59	SELECT * FROM comprador WHERE NOT EXISTS (SELE...	Error Code: 1054. Unk
✓ 192	03:26:16	SELECT comprador.*, venta.* FROM comprador JOIN ve...	158 row(s) returned

Query Completed

2. Venta más cara en la tabla de ventas (sin usar MAX, ORDER BY ni LIMIT):

```

SELECT *
FROM venta
WHERE totalVenta >= ALL (
    SELECT totalVenta
    FROM venta
);

```

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Query 8

```
1 • SELECT *
2 FROM venta
3 WHERE totalVenta >= ALL (
4     SELECT totalVenta
5     FROM venta
6 );
```

Limit to 1000 rows

Result Grid

#	idVenta	totalVenta	fechaVenta	idComprador	idVendedor
1	369	1770.39	2022-12-13	188	44
*	NULL	NULL	NULL	NULL	NULL

venta 8

Action Output

#	Time	Action	Message
✓	187	03:11:02	use tienda
✓	188	03:11:02	use tienda
✗	189	03:11:13	SELECT comprador.id_comprador, comprador.nombre, ...
✗	190	03:11:37	SELECT venta.* FROM venta WHERE NOT EXISTS (SELE...
✗	191	03:11:59	SELECT * FROM comprador WHERE NOT EXISTS (SELE...
✓	192	03:26:16	SELECT comprador.*, venta.* FROM comprador JOIN ve...
✓	193	03:27:25	SELECT * FROM venta WHERE totalVenta >= ALL (SELE...

Query Completed

CTRL DERECHA

3. Compradores que no han realizado ninguna venta (utilizando predicados cuantificados):

```
SELECT *
FROM comprador
WHERE NOT EXISTS (
    SELECT *
    FROM venta
    WHERE comprador.idCom = venta.idComprador
);
```

MySQL Workbench

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Object Info Session

Query 8

```

1 • SELECT *
2 FROM comprador
3 WHERE NOT EXISTS (
4     SELECT *
5     FROM venta
6     WHERE comprador.idCom = venta.idComprador
7 );

```

Limit to 1000 rows

Result Grid

#	idCom	nombreCom	ap1Com	ap2Com	ciudad	categoria
1	1	Marsden	Jimenez	Schroeder	Arequipa	2
2	5	Nissim	Barton	Johns	Sanquhar	9
3	65	Macon	Garcia	Dunn	Yopal	6
4	77	Branden	Joseph	Mullins	Cartago	5
5	189	Alfonso	Hobbs	Nichols	Newtonmore	10
6	219	Sean	Hughes	Aguirre	Alto del Carmen	6

comprador 9

Action Output

#	Time	Action	Message
✓ 187	03:11:02	use tienda	0 row(s) affected
✓ 188	03:11:02	use tienda	0 row(s) affected
✗ 189	03:11:13	SELECT comprador.id_comprador, comprador.nombre, ...	Error Code: 1054. Unk
✗ 190	03:11:37	SELECT venta.* FROM venta WHERE NOT EXISTS (SELE...	Error Code: 1054. Unk
✗ 191	03:11:59	SELECT * FROM comprador WHERE NOT EXISTS (SELE...	Error Code: 1054. Unk
✓ 192	03:26:16	SELECT comprador.*, venta.* FROM comprador JOIN ve...	158 row(s) returned
✓ 193	03:27:25	SELECT * FROM venta WHERE totalVenta >= ALL (SELE...	1 row(s) returned
✓ 194	03:28:08	SELECT * FROM comprador WHERE NOT EXISTS (SELE...	8 row(s) returned

Query Completed

CTRL DERECHA

3:28
15/12/2023

4. Vendedores que no han realizado ninguna venta (utilizando predicados cuantificados):

```

SELECT *
FROM vendedor
WHERE NOT EXISTS (
    SELECT *
    FROM venta
    WHERE vendedor.idVen = venta.idVendedor
);

```

Local instance 3306

File Edit View Query Database Server Tools Scripting Help

Schemas

Query 8

Limit to 1000 rows

```

1 SELECT *
2 FROM vendedor
3 WHERE NOT EXISTS (
4     SELECT *
5     FROM venta
6     WHERE vendedor.idVen = venta.idVendedor
7 );

```

Result Grid

#	idVen	nombreVen	ap1Ven	ap2Ven	comisor
*	NULL	NULL	NULL	NULL	NULL

vendedor 10

Action Output

#	Time	Action	Message
✓ 188	03:11:02	use tienda	0 row(s) affected
✗ 189	03:11:13	SELECT comprador.id_comprador, comprador.nombre, ...	Error Code: 1054. Unk
✗ 190	03:11:37	SELECT venta.* FROM venta WHERE NOT EXISTS (SELE...	Error Code: 1054. Unk
✗ 191	03:11:59	SELECT * FROM comprador WHERE NOT EXISTS (SELE...	Error Code: 1054. Unk
✓ 192	03:26:16	SELECT comprador.*, venta.* FROM comprador JOIN ve...	158 row(s) returned
✓ 193	03:27:25	SELECT * FROM venta WHERE totalVenta >= ALL (SELE...	1 row(s) returned
✓ 194	03:28:08	SELECT * FROM comprador WHERE NOT EXISTS (SELE...	8 row(s) returned
✓ 195	03:28:51	SELECT * FROM vendedor WHERE NOT EXISTS (SELECT...	0 row(s) returned

Query Completed

CTRL DERECHA

3:29
15/12/2023