

```

sqlite> SELECT c.modelo, c.precio, cl.nombre AS cliente
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> JOIN Clientes cl ON v.id_cliente = cl.id;
Sedán 2022|25000.0|Juan Pérez
Hatchback 2021|22000.0|María Gómez
SUV 2023|30000.0|Carlos López
Coupé 2022|28000.0|Ana Rodríguez
Camioneta 2023|32000.0|Luisa Martínez
Compacto 2021|20000.0|Pedro Sánchez
Híbrido 2022|27000.0|Laura García
Deportivo 2023|35000.0|Miguel Martín
Eléctrico 2021|40000.0|David Torres
sqlite>
sqlite> SELECT DISTINCT cl.nombre
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> JOIN clientes cl ON v.id_cliente = cl.id
...> WHERE c.precio > (SELECT AVG(precio) FROM coches);
Carlos López
Luisa Martínez
Miguel Martín
David Torres
sqlite> SELECT modelo, precio
...> FROM coches
...> WHERE id_coche NOT IN (SELECT id_coche FROM ventas);
Pickup 2022|31000.0
sqlite> SELECT SUM(c.precio) AS total_gastado
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche;SELECT c.modelo, c.precio, cl.nombre AS
cliente, v.fecha_venta
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> JOIN clientes cl ON v.id_cliente = cl.id
...> ORDER BY v.fecha_venta DESC;SELECT modelo, precio
...> FROM coches
...> ORDER BY precio DESC
...> LIMIT 1;
259000.0
Eléctrico 2021|40000.0|David Torres|2023-10-05
Deportivo 2023|35000.0|Miguel Martín|2023-08-25
Híbrido 2022|27000.0|Laura García|2023-07-20
Compacto 2021|20000.0|Pedro Sánchez|2023-06-15
Camioneta 2023|32000.0|Luisa Martínez|2023-05-05
Coupé 2022|28000.0|Ana Rodríguez|2023-04-10
SUV 2023|30000.0|Carlos López|2023-03-25
Hatchback 2021|22000.0|María Gómez|2023-02-20
Sedán 2022|25000.0|Juan Pérez|2023-01-15
Eléctrico 2021|40000.0
sqlite> SELECT c.modelo, c.precio, cl.nombre AS cliente, v.fecha_venta
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche

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...> JOIN clientes cl ON v.id_cliente = cl.id
...> ORDER BY v.fecha_venta DESC;
Eléctrico 2021|40000.0|David Torres|2023-10-05
Deportivo 2023|35000.0|Miguel Martín|2023-08-25
Híbrido 2022|27000.0|Laura García|2023-07-20
Compacto 2021|20000.0|Pedro Sánchez|2023-06-15
Camioneta 2023|32000.0|Luisa Martínez|2023-05-05
Coupé 2022|28000.0|Ana Rodríguez|2023-04-10
SUV 2023|30000.0|Carlos López|2023-03-25
Hatchback 2021|22000.0|María Gómez|2023-02-20
Sedán 2022|25000.0|Juan Pérez|2023-01-15
sqlite> SELECT modelo, precio
...> FROM coches
...> ORDER BY precio DESC
...> LIMIT 1;
Eléctrico 2021|40000.0
sqlite> SELECT cl.nombre, COUNT(v.id_coche) AS cantidad_comprada
...> FROM ventas v
...> JOIN clientes cl ON v.id_cliente = cl.id
...> GROUP BY cl.id
...> HAVING COUNT(v.id_coche) >= 1;
Juan Pérez|1
María Gómez|1
Carlos López|1
Ana Rodríguez|1
Luisa Martínez|1
Pedro Sánchez|1
Laura García|1
Miguel Martín|1
David Torres|1
sqlite> SELECT DISTINCT cl.nombre
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> JOIN clientes cl ON v.id_cliente = cl.id
...> WHERE c.marca = 'Toyota';
Juan Pérez
sqlite> SELECT AVG(cl.edad) AS promedio_edad
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> JOIN clientes cl ON v.id_cliente = cl.id
...> WHERE c.precio > 25000;
Parse error: no such column: cl.edad
SELECT AVG(cl.edad) AS promedio_edad FROM ventas v JOIN coches c ON v.id_coche
^--- error here
sqlite> SELECT c.modelo, c.precio
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> JOIN clientes cl ON v.id_cliente = cl.id
...> WHERE cl.edad > 30;
Parse error: no such column: cl.edad
he JOIN clientes cl ON v.id_cliente = cl.id WHERE cl.edad > 30;
error here ---^

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sqlite> SELECT c.modelo, COUNT(v.id_venta) AS total_ventas
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> WHERE strftime('%Y', v.fecha_venta) = '2022'
...> GROUP BY c.modelo;
sqlite> SELECT c.modelo, c.precio
...> FROM coches c
...> WHERE c.precio > (
(x1...>   SELECT AVG(c2.precio)
(x1...>   FROM ventas v2
(x1...>   JOIN coches c2 ON v2.id_coche = c2.id_coche
(x1...>   JOIN clientes cl2 ON v2.id_cliente = cl2.id
(x1...>   WHERE cl2.edad < 30
(x1...> );
Parse error: no such column: cl2.edad
  clientes cl2 ON v2.id_cliente = cl2.id   WHERE cl2.edad < 30 );
                        error here ---^
sqlite> SELECT c.marca, COUNT(v.id_venta) AS total_ventas
...> FROM ventas v
...> JOIN coches c ON v.id_coche = c.id_coche
...> GROUP BY c.marca
...> ORDER BY total_ventas DESC;
Volkswagen|1
Toyota|1
Tesla|1
Nissan|1
Mazda|1
Hyundai|1
Honda|1
Ford|1
Chevrolet|1
sqlite>

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