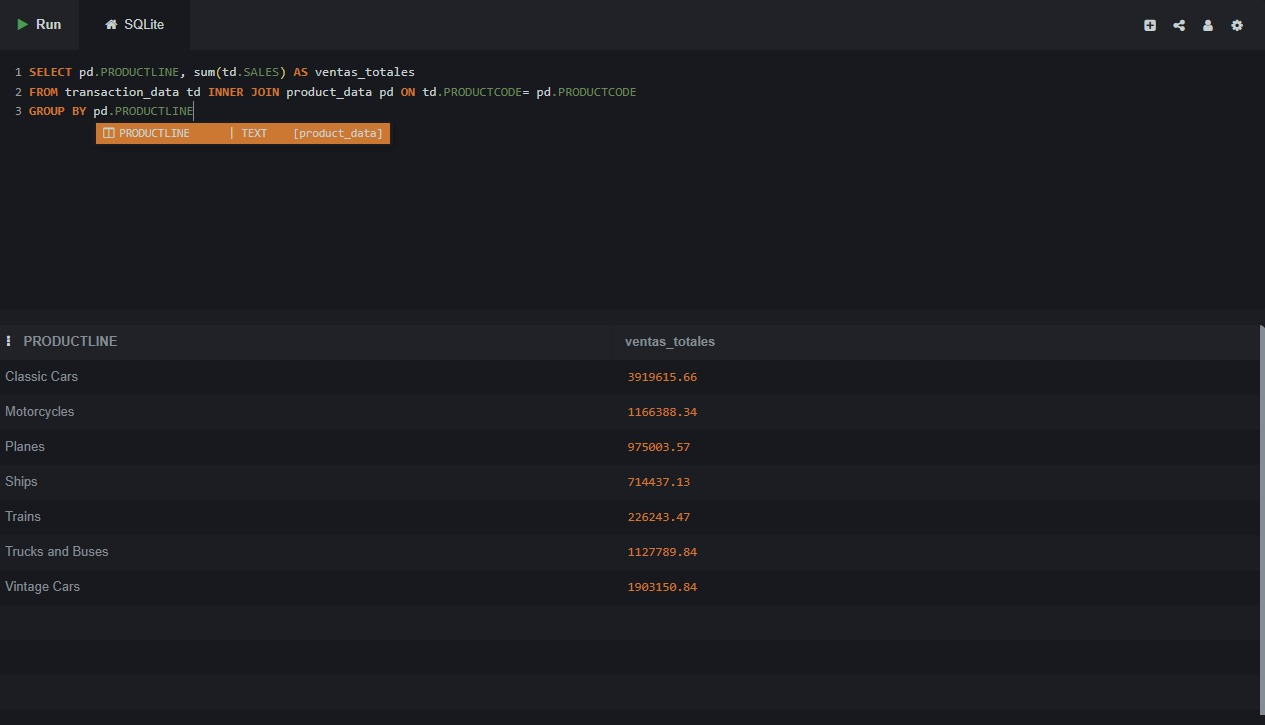
EJERCICIOS BIG DATA—----smart data

1. SELECT pd.PRODUCTLINE, sum(td.SALES) as ventas\_totales

from transaction\_data td inner JOIN product\_data pd ON td.PRODUCTCODE= pd.PRODUCTCODE

GROUP by pd.PRODUCTLINE



1. SELECT DISTINCT c.CUSTOMERNAME

FROM order\_data o

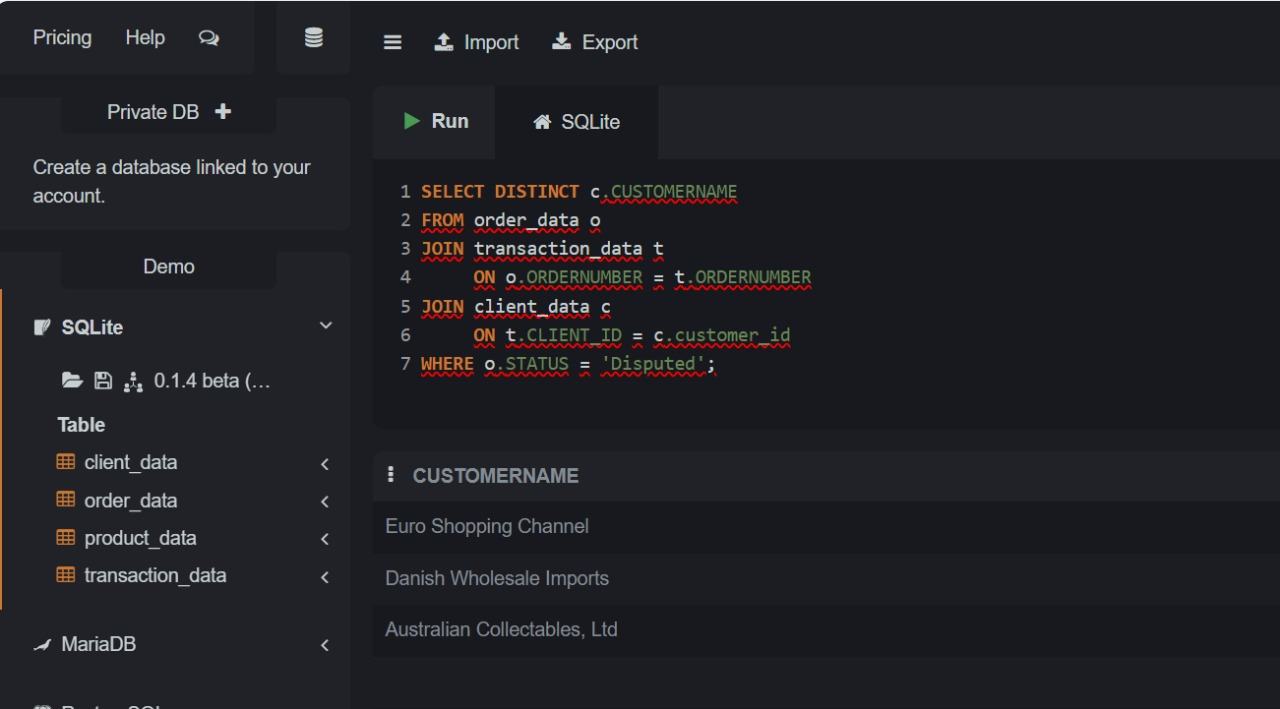
JOIN transaction\_data t

ON o.ORDERNUMBER = t.ORDERNUMBER

JOIN client\_data c

ON t.CLIENT\_ID = c.customer\_id

WHERE o.STATUS = 'Disputed';



1. SELECT COUNT(DISTINCT o.ORDERNUMBER) AS pedidos\_enviados\_2003

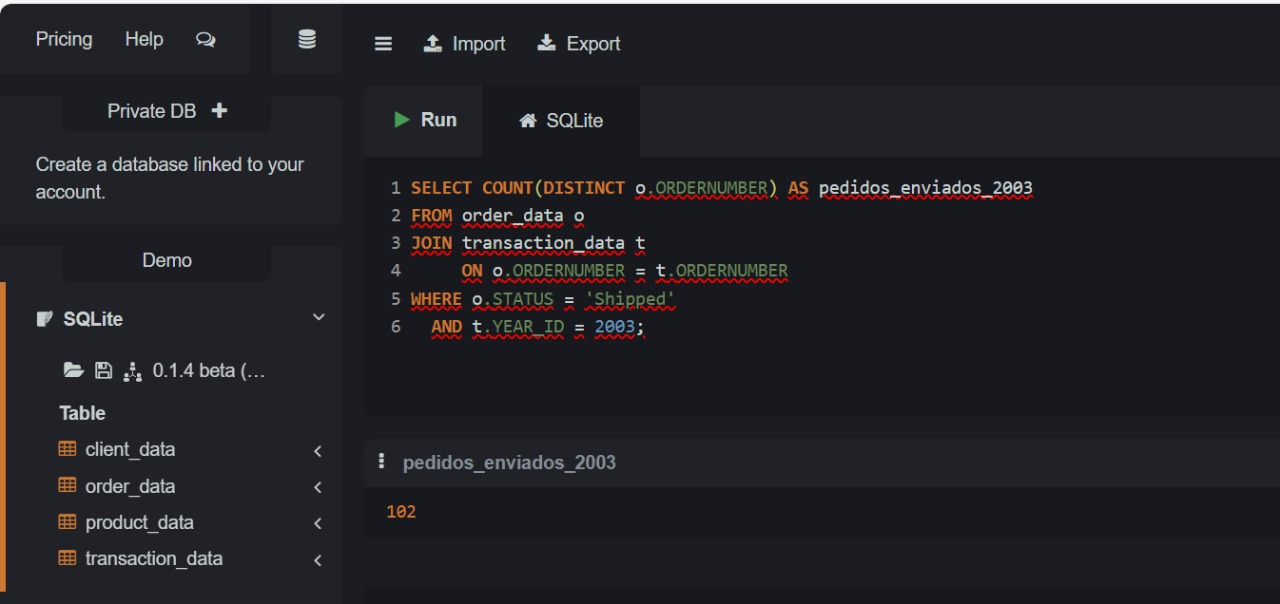
FROM order\_data o

JOIN transaction\_data t

ON o.ORDERNUMBER = t.ORDERNUMBER

WHERE o.STATUS = 'Shipped'

AND t.YEAR\_ID = 2003;



1. SELECT c.COUNTRY,

SUM(t.SALES) AS TotalSales

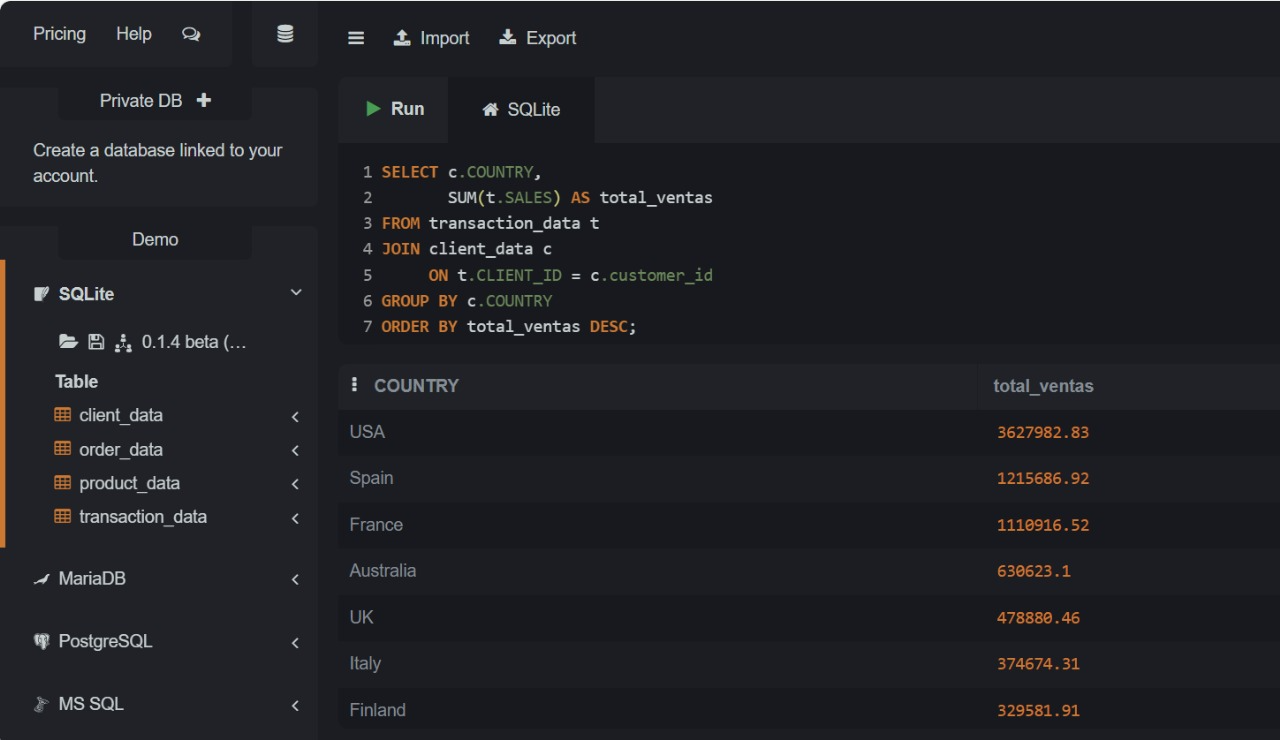
FROM transaction\_data t

JOIN client\_data c

ON t.CLIENT\_ID = c.customer\_id

GROUP BY c.COUNTRY

ORDER BY TotalSales DESC;



1. SELECT p.PRODUCTLINE,

AVG(t.PRICEEACH) AS AvgPrice

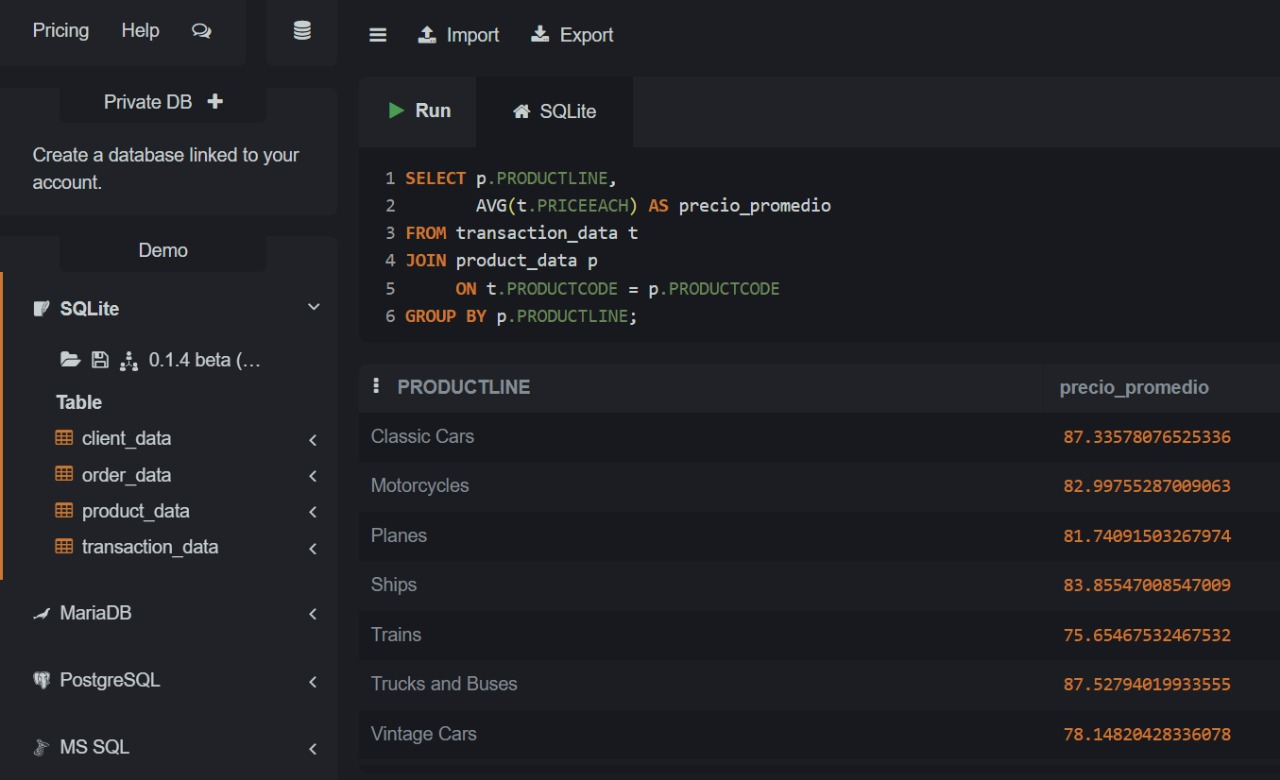
FROM transaction\_data t

JOIN product\_data p

ON t.PRODUCTCODE = p.PRODUCTCODE

GROUP BY p.PRODUCTLINE

ORDER BY AvgPrice DESC;



1. SELECT c.CUSTOMERNAME,

SUM(t.SALES) AS TotalSales

FROM transaction\_data t

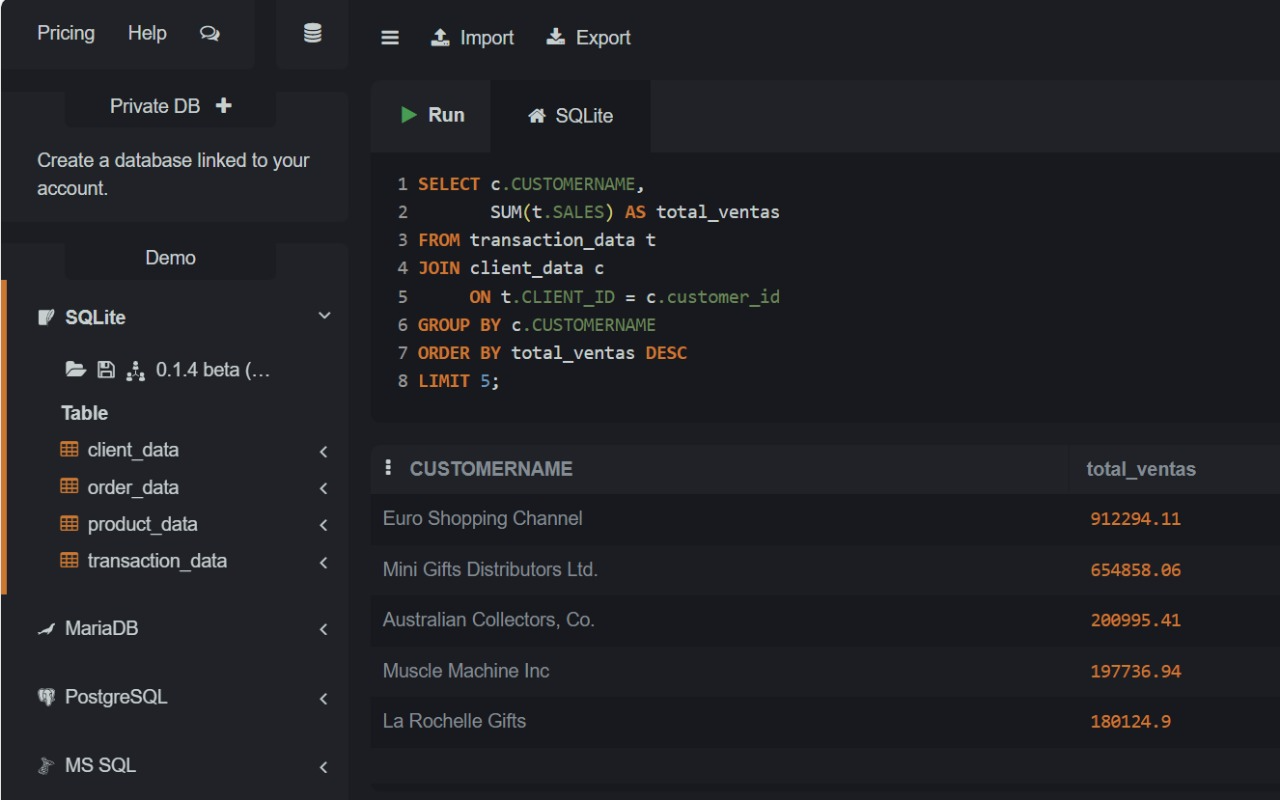
JOIN client\_data c

ON t.CLIENT\_ID = c.customer\_id

GROUP BY c.CUSTOMERNAME

ORDER BY TotalSales DESC

LIMIT 5;



1. SELECT t.PRODUCTCODE,

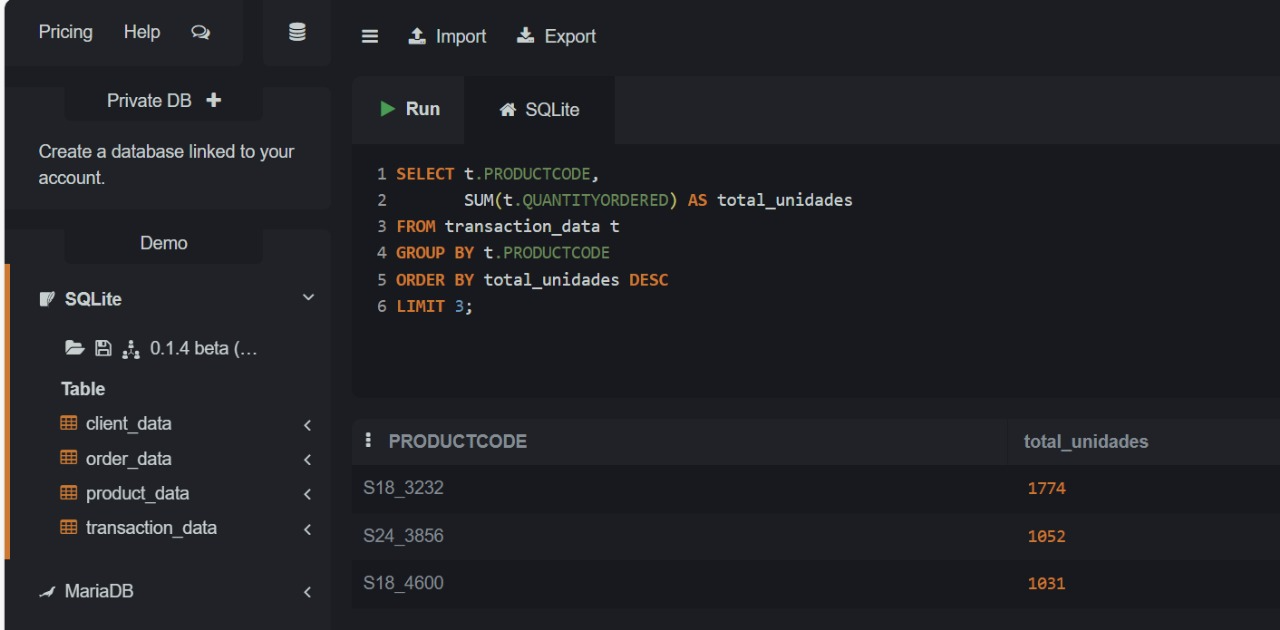
SUM(t.QUANTITYORDERED) AS TotalUnits

FROM transaction\_data t

GROUP BY t.PRODUCTCODE

ORDER BY TotalUnits DESC

LIMIT 3;



1. SELECT t.QTR\_ID,

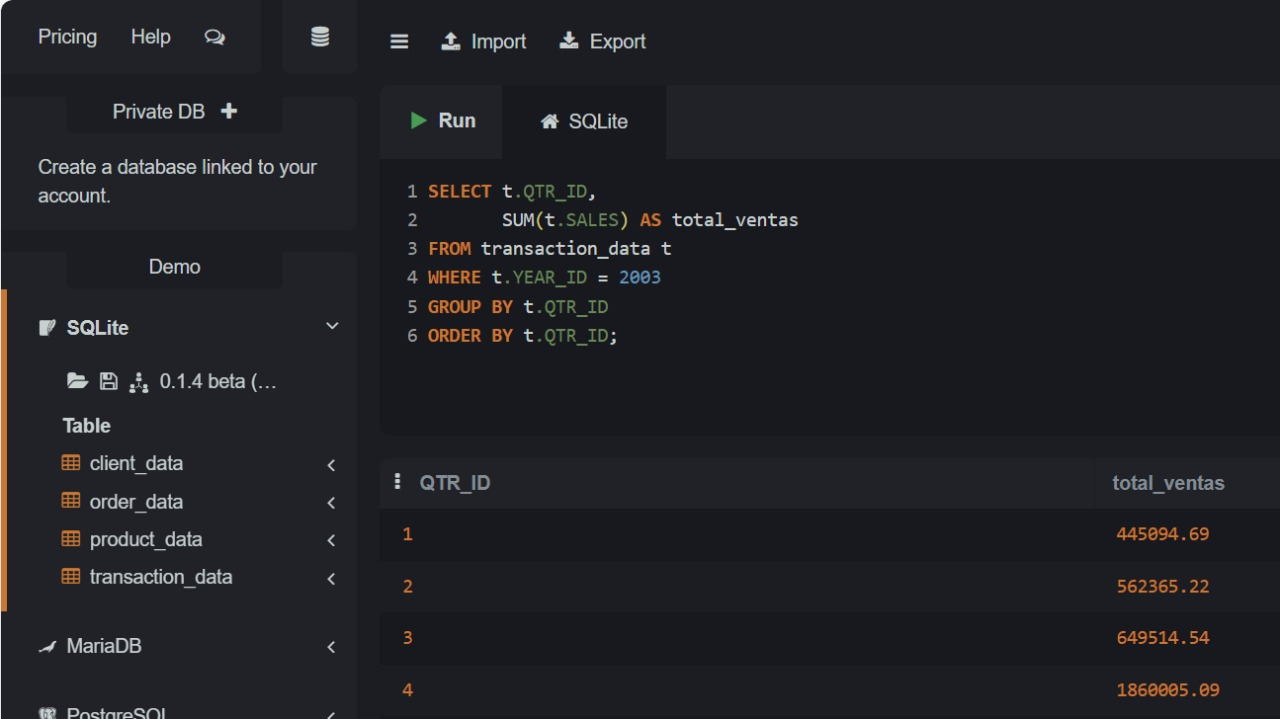
SUM(t.SALES) AS TotalSales

FROM transaction\_data t

WHERE t.YEAR\_ID = 2003

GROUP BY t.QTR\_ID

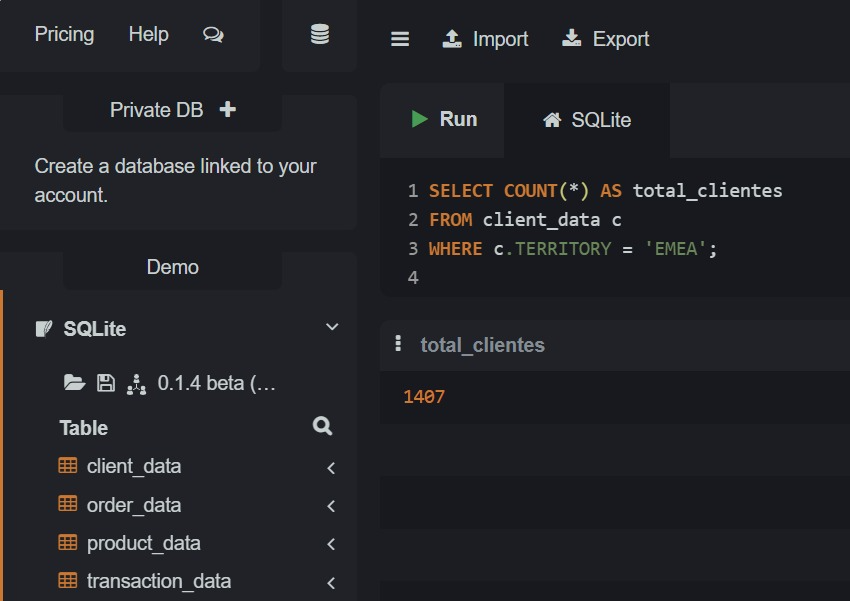
ORDER BY t.QTR\_ID;



1. SELECT COUNT(\*) AS TotalClientesEMEA

FROM client\_data c

WHERE c.TERRITORY = 'EMEA';



1. SELECT o.ORDERNUMBER,

c.CUSTOMERNAME

FROM order\_data o

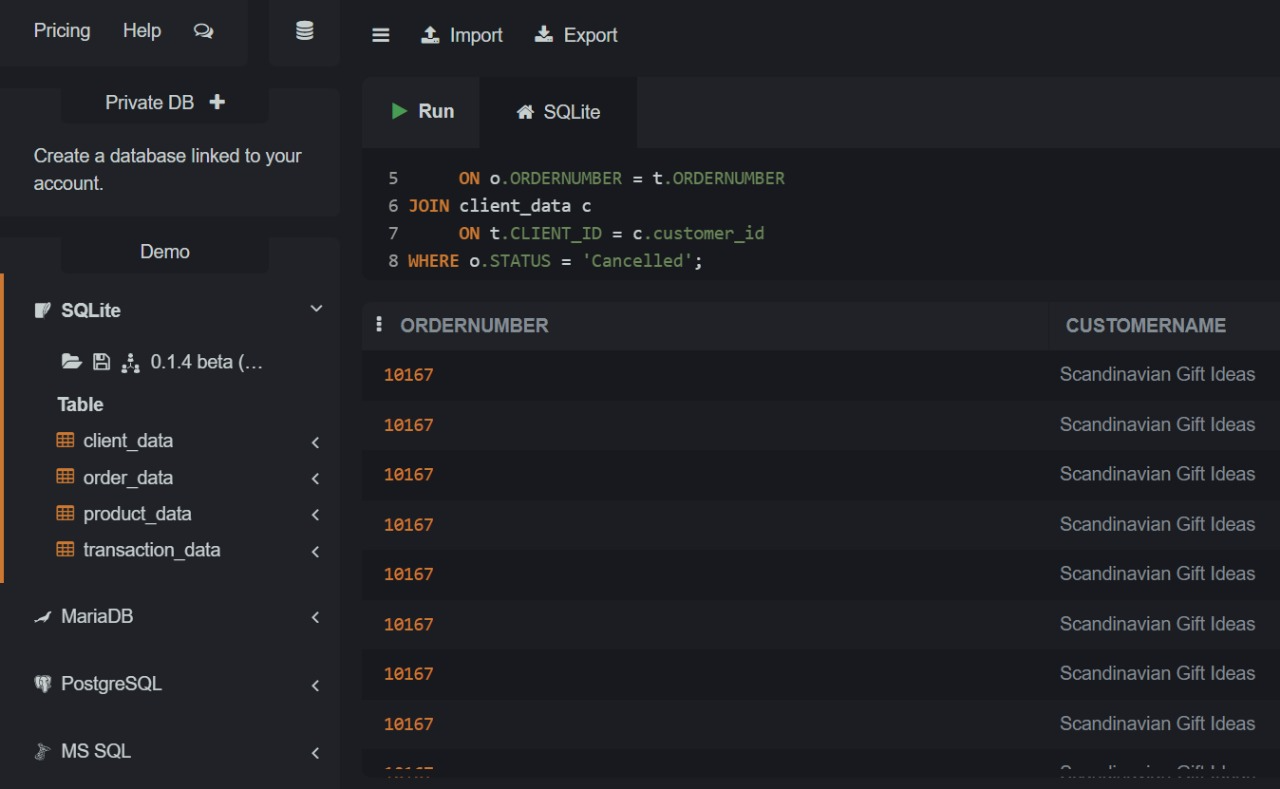
JOIN transaction\_data t

ON o.ORDERNUMBER = t.ORDERNUMBER

JOIN client\_data c

ON t.CLIENT\_ID = c.customer\_id

WHERE o.STATUS = 'Cancelled';



COMPLEJOS

1. SELECT t.YEAR\_ID,

SUM(t.SALES) AS total\_ventas

FROM transaction\_data t

JOIN client\_data c

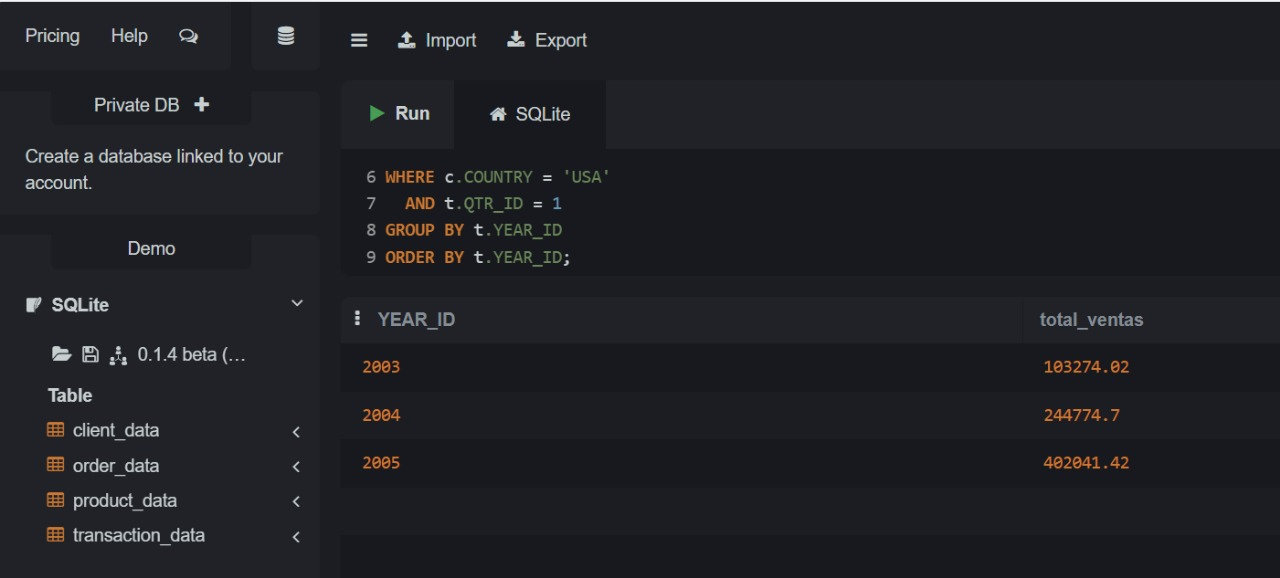
ON t.CLIENT\_ID = c.customer\_id

WHERE c.COUNTRY = 'USA'

AND t.QTR\_ID = 1

GROUP BY t.YEAR\_ID

ORDER BY t.YEAR\_ID;



1. SELECT DISTINCT c.CUSTOMERNAME

FROM transaction\_data t

JOIN product\_data p

ON t.PRODUCTCODE = p.PRODUCTCODE

JOIN client\_data c

ON t.CLIENT\_ID = c.customer\_id

WHERE p.PRODUCTLINE = 'Classic Cars';

