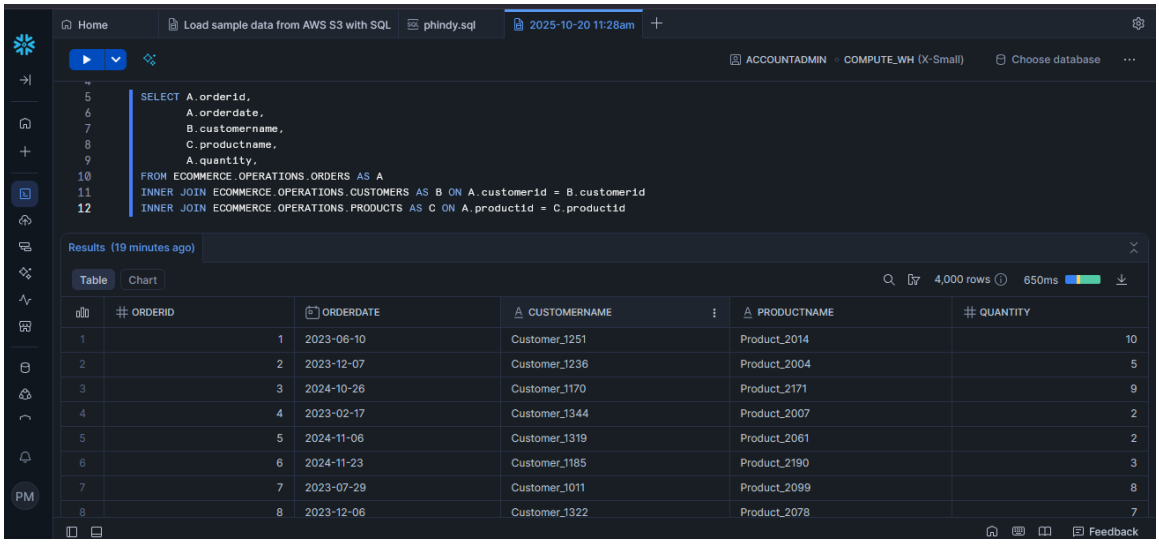
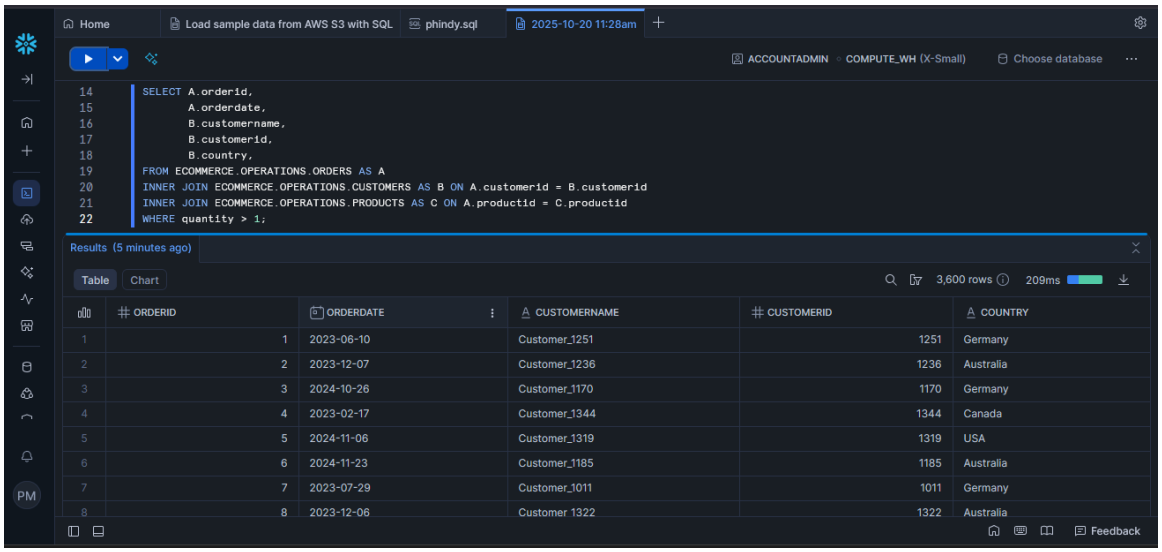
SQL JOIN Practice Instructions

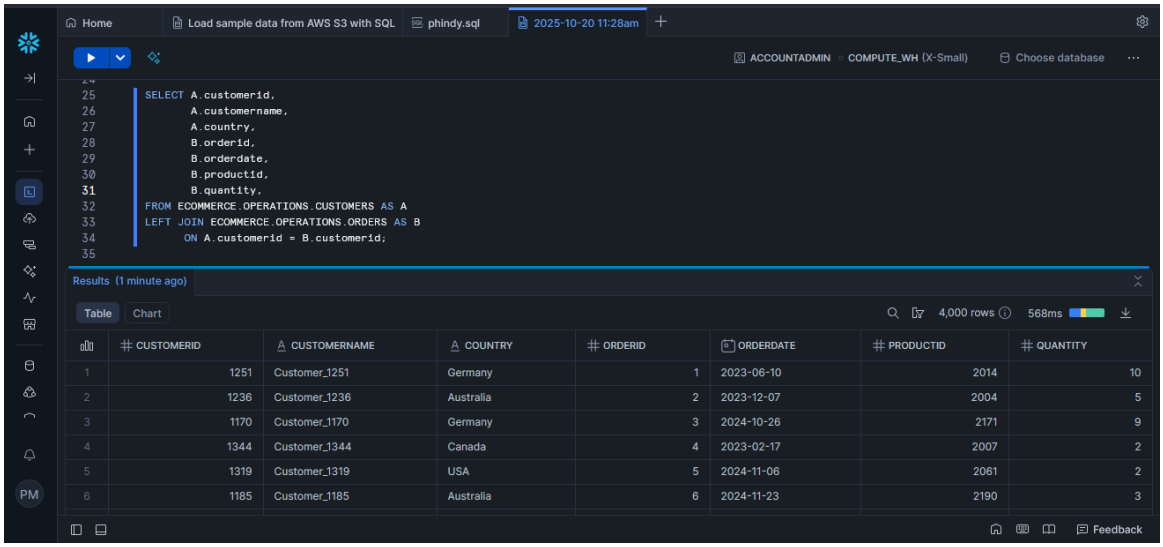
1.



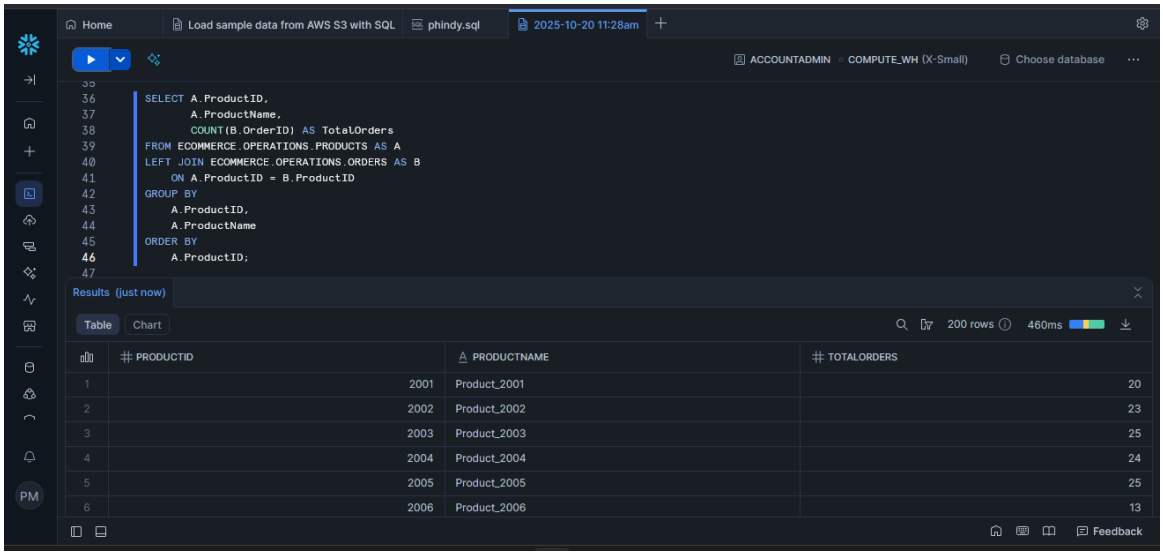

2.



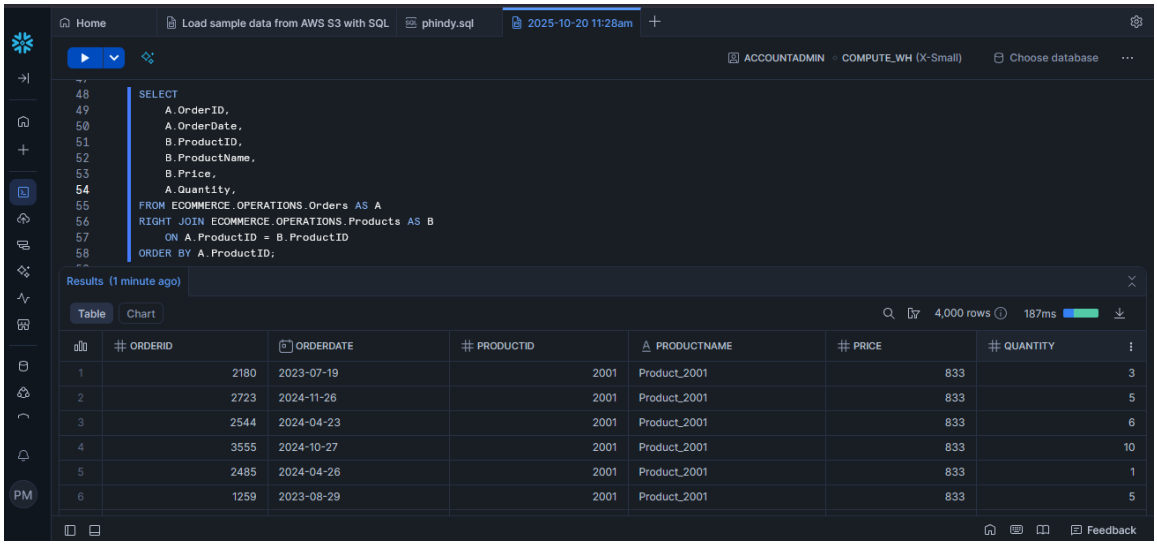

3.


Home
Load sample data from AWS S3 with SQL
phindy.sql
2025-10-20 11:28am
ACCOUNTADMIN
COMPUTE_WH (X-Small)
Choose database
SELECT A.customerid,
A.customername,
A.country,
B.orderid,
B.orderdate,
B.productid,
B.quantity,
FROM ECOMMERCE.OPERATIONS.CUSTOMERS AS A
LEFT JOIN ECOMMERCE.OPERATIONS.ORDERS AS B
ON A.customerid = B.customerid;
Results (1 minute ago)
Table
Chart
4,000 rows
568ms
CUSTOMERID
CUSTOMERNAME
COUNTRY
ORDERID
ORDERDATE
PRODUCTID
QUANTITY
1 1251 Customer_1251 Germany 1 2023-06-10 2014 10
2 1236 Customer_1236 Australia 2 2023-12-07 2004 5
3 1170 Customer_1170 Germany 3 2024-10-26 2171 9
4 1344 Customer_1344 Canada 4 2023-02-17 2007 2
5 1319 Customer_1319 USA 5 2024-11-06 2061 2
6 1185 Customer_1185 Australia 6 2024-11-23 2190 3
Feedback

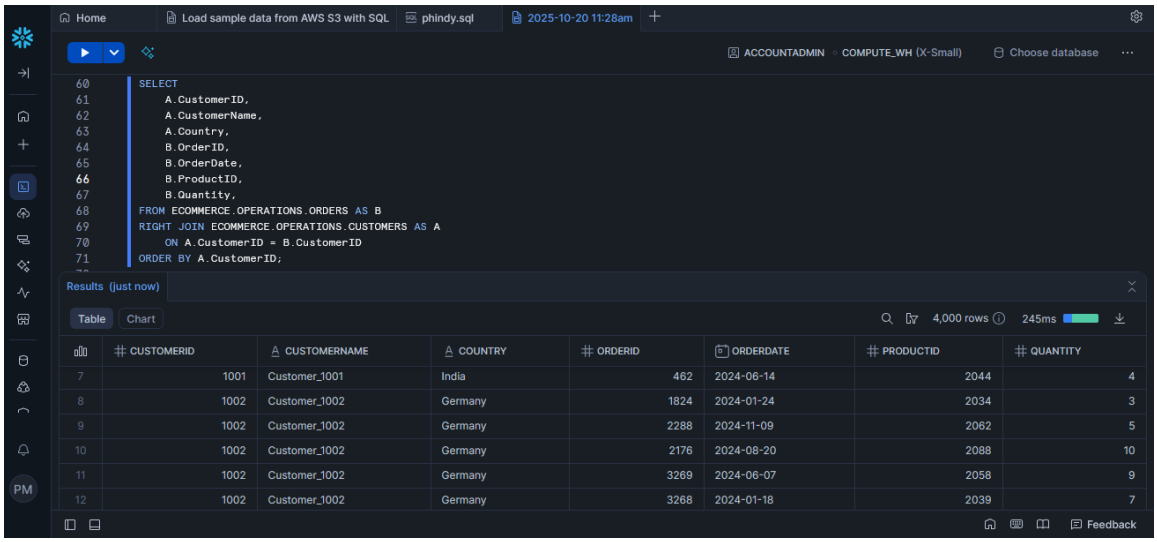
4.


Home
Load sample data from AWS S3 with SQL
phindy.sql
2025-10-20 11:28am
ACCOUNTADMIN
COMPUTE_WH (X-Small)
Choose database
SELECT A.ProductID,
A.ProductName,
COUNT(B.OrderID) AS TotalOrders
FROM ECOMMERCE.OPERATIONS.PRODUCTS AS A
LEFT JOIN ECOMMERCE.OPERATIONS.ORDERS AS B
ON A.ProductID = B.ProductID
GROUP BY
A.ProductID,
A.ProductName
ORDER BY
A.ProductID;
Results (just now)
Table
Chart
200 rows
460ms
PRODUCTID
PRODUCTNAME
TOTALORDERS
1 2001 Product_2001 20
2 2002 Product_2002 23
3 2003 Product_2003 25
4 2004 Product_2004 24
5 2005 Product_2005 25
6 2006 Product_2006 13
Feedback

5.


Home
Load sample data from AWS S3 with SQL
phindy.sql
2025-10-20 11:28am
ACCOUNTADMIN
COMPUTE_WH (X-Small)
Choose database
SELECT
A.OrderID,
A.OrderDate,
B.ProductID,
B.ProductName,
B.Price,
A.Quantity,
FROM ECOMMERCE.OPERATIONS.Orders AS A
RIGHT JOIN ECOMMERCE.OPERATIONS.Products AS B
ON A.ProductID = B.ProductID
ORDER BY A.ProductID;
Results (1 minute ago)
Table
Chart
4,000 rows
187ms
ORDERID
ORDERDATE
PRODUCTID
PRODUCTNAME
PRICE
QUANTITY
1 2180 2023-07-19 2001 Product_2001 833 3
2 2723 2024-11-26 2001 Product_2001 833 5
3 2544 2024-04-23 2001 Product_2001 833 6
4 3555 2024-10-27 2001 Product_2001 833 10
5 2485 2024-04-26 2001 Product_2001 833 1
6 1259 2023-08-29 2001 Product_2001 833 5
Feedback

6.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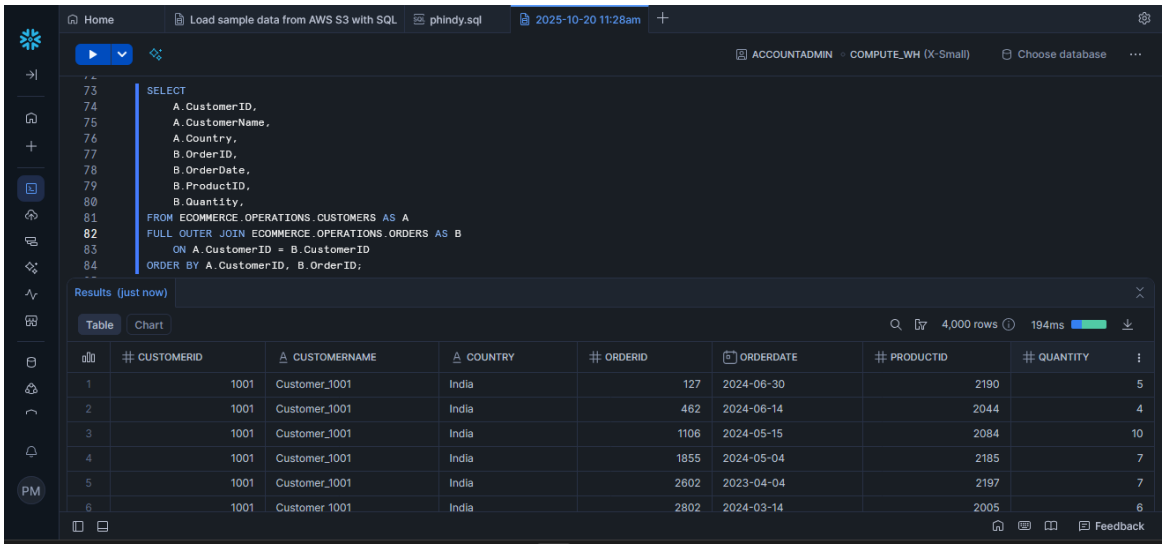
2025-10-20 11:28am
ACCOUNTADMIN
COMPUTE_WH (X-Small)
Choose database
SELECT
A.CustomerID,
A.CustomerName,
A.Country,
B.OrderID,
B.OrderDate,
B.ProductID,
B.Quantity,
FROM ECOMMERCE.OPERATIONS.ORDERS AS B
RIGHT JOIN ECOMMERCE.OPERATIONS.CUSTOMERS AS A
ON A.CustomerID = B.CustomerID
ORDER BY A.CustomerID;
Results (just now)
Table
Chart
4,000 rows
245ms
CUSTOMERID
CUSTOMERNAME
COUNTRY
ORDERID
ORDERDATE
PRODUCTID
QUANTITY
1001 Customer_1001 India 462 2024-06-14 2044 4
1002 Customer_1002 Germany 1824 2024-01-24 2034 3
1002 Customer_1002 Germany 2288 2024-11-09 2062 5
1002 Customer_1002 Germany 2176 2024-08-20 2088 10
1002 Customer_1002 Germany 3269 2024-06-07 2058 9
1002 Customer_1002 Germany 3268 2024-01-18 2039 7
Feedback

7.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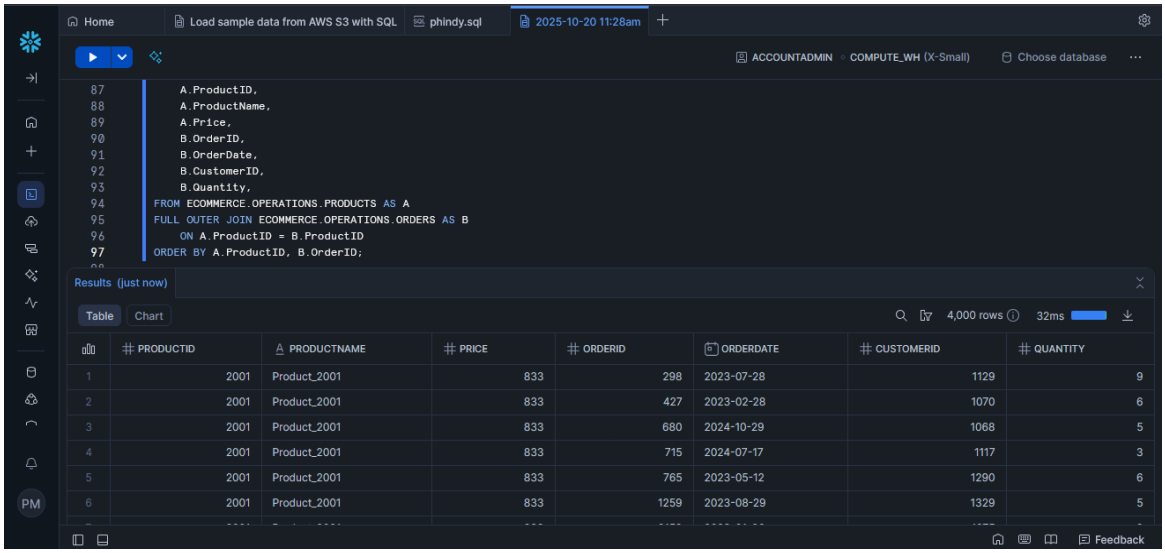
COMPUTE_WH (X-Small)
Choose database
SELECT
A.CustomerID,
A.CustomerName,
A.Country,
B.OrderID,
B.OrderDate,
B.ProductID,
B.Quantity,
FROM ECOMMERCE.OPERATIONS.CUSTOMERS AS A
FULL OUTER JOIN ECOMMERCE.OPERATIONS.ORDERS AS B
ON A.CustomerID = B.CustomerID
ORDER BY A.CustomerID, B.OrderID;
Results (just now)
Table
Chart
4,000 rows
194ms
CUSTOMERID
CUSTOMERNAME
COUNTRY
ORDERID
ORDERDATE
PRODUCTID
QUANTITY
1001 Customer_1001 India 127 2024-06-30 2190 5
1001 Customer_1001 India 462 2024-06-14 2044 4
1001 Customer_1001 India 1106 2024-05-15 2084 10
1001 Customer_1001 India 1855 2024-05-04 2185 7
1001 Customer_1001 India 2602 2023-04-04 2197 7
1001 Customer 1001 India 2802 2024-03-14 2005 6
Feedback

8.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COMPUTE_WH (X-Small)
Choose database
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A.ProductName,
A.Price,
B.OrderID,
B.OrderDate,
B.CustomerID,
B.Quantity,
FROM ECOMMERCE.OPERATIONS.PRODUCTS AS A
FULL OUTER JOIN ECOMMERCE.OPERATIONS.ORDERS AS B
ON A.ProductID = B.ProductID
ORDER BY A.ProductID, B.OrderID;
Results (just now)
Table
Chart
4,000 rows
32ms
PRODUCTID
PRODUCTNAME
PRICE
ORDERID
ORDERDATE
CUSTOMERID
QUANTITY
1 2001 Product_2001 833 298 2023-07-28 1129 9
2 2001 Product_2001 833 427 2023-02-28 1070 6
3 2001 Product_2001 833 680 2024-10-29 1068 5
4 2001 Product_2001 833 715 2024-07-17 1117 3
5 2001 Product_2001 833 765 2023-05-12 1290 6
6 2001 Product_2001 833 1259 2023-08-29 1329 5
Feedback