Modise LE (HLONIKHUIWA)

Eacercise: Union & Union ALL

Questions

1) // write From both table which I use UNION//

SELECT customer_name,
FROM online_sales
UNJON
SELECT customer_name
FROM store-sale;

Customer_ Name				
Alice		renou/O	les .	aista * *
Brian				
Carol				
Daniel	٠.,			phili-
Emma				
Fiong				Allen -
Geoge				
Henry		,		Jk

2) ///write all equery (include duplicates). I used UNION ALL 11/.

SELECT customer-name
FROM online-sales
UNJON ALL
SELECT customer-name
FROM Store-salesi

customer-name	
Alice	9.0
Brian	*
carol	
Dan181	p 1,
Emma	a.o
Fiona	

Brian Seorge Alice Henry

3) UNJON US UNJON ALL: compare

Union: combines the results from both equiries and removes duplicates, resulting in fewer rows when duplicates exist across the tables.

UNION ALL: combines the results but keeps all duplicates, resulting in move rows

4) --- ALL Sale Date (with Duplicates).
--- show all sale dates from both table asing Union ALL.

SELECT Sale-duta
FROM online-sales
UNJON ALL

SELECT Sale - date FROM Store-sales;

-	Sule-date	
-	2025-01-12	
	2025-02-05	
	2028-03-10	
	2025-04-15	
	2028-08-02	
	2025-01-20	
	2025-02-08	
	2025-03-25	
-10	2025 - 64 - 18	-
	2025-05-05	

5) --- Unique sale Vales date from both tables using union.

SELECT Sale-date,
FROM online. Sales
UNION
SELECT Sale-date
FROM Stove-sales;

Sule_date	
2025-01-12	
2025-02-65	
2025-03-10	1 872
2025-04-15	,
2025-05-02	
2028-01-20	
2025-02-08	
2025-03-25	
2028-04-18	9 - 0 7
2025-05-05	

---- Note: All dates are unique, identical to unzon ALL with la rows.)

-- High-value sales
-- unique customer names who made a sale above 280,

SELECT customer_name,

FROM online-sales
WHERE amount > 250

SELECT customer_name

From store-sales

6 WHERE amount > 250;

customer_no	ame
Carol	Markedise /
George	
Henry	

7) ---- Combine sales data.

---- combine all records (columns: customer_name, amount, sale_date)

From both Lables using Union ALL.

SELECT customer-name, amount, sale-date

From online-sales

UNION ALL

SELECT customer- name, amount, sule-date

from store-sales;

Customer_name	amoun t	sales date
Alice	150	3032-01-13
Brian	250	2025-02-05
Corol	300	2025-03-10
Danie)	220	2025-04-15
Emma	180	2025-05-02
Fionq	260	2025-01-20
Brian	250	2025-02-08
George	310	2025-03-25
Alice	150	2025-04-18
Henry	270	2025-05-04

8) ---- Combine both table include an escha column named Socurce that Shows (online) for onlinee - sales and steve for store-sales.

From online_Sules

Union ALL

SELECT customer-name, amount, sule-date, stare As source From store-sales;

customer_name	amount	Sale_date
Alice	150	2025-6/-12
Brian	250	2025-02-65
Cavol	200	2025-03-10
Daniel	220	2025-04-15
Emma	180	2025-05-02
Fiong	250	2025-01-20
Brian	250	2025-02-08
george	310	2025-03-25
Alice	180	2025-04-18
Henry	270	2025-05-05

8) ---- combine both tables, list customers who appear More than once.

SELECT customer-name, amount, sale-date, lonline As source from online-sales

UNION ALL

SELECT customer_name, amount, sale-date, store As source - Rom State- Sales;

customer_name	amount	sale date	Source
Alice	150	2025-01-12	online
Brian	250	2025 - 62 - 65	online
Caval	300	2025-03-10	Online
Daniel	520	2025-04-15	online
Emma	190	2075-65-62	online
Fiong	200	2025-01-20	Stove
Brian	25 O	2025-02-08	51-00
Segor ge	310	2025-03-25	51-01-6
Alice	150	2025-04-18	51-ore
Heavy	270	2025-05-05	Store

9)---- Find and list customers who appear move than once deross both lables. UNJON ALL.

SELECT customer_name

FROM (

SELECT customer_name From online_sales

UNION ALL

SELECT CUStomer-name FROM store-sales

) As combined

GROUP BY customer_name

HAVING COUNT (*) 11;

Customer_name
Alice
Brian

10) ----- combine all sales amounts from both tables and calculate the total amount of all sales.

SELECT SUM (amount) As total-amount

FROM (

SELECT amount from online-sales

UNION ALL

SELECT amount from Stove-Sales

) As combined;

total_amount 2280 The control of the second of t

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