

ADDITIONAL: UNION and UNION ALL

1. SELECT customer_name FROM online_sales

UNION

SELECT customer_name
FROM store_sales;

customer_name

Alice

Brian

Carol

Daniel

Emma

Fiona

George

Henry

2. SELECT customer_name FROM online_sales

UNION ALL

SELECT customer_name FROM store_sales;

customer_name

Alice

Brian

Carol

Daniel

Emma

Fiona

Brian

George

Alice

Henry

3. UNION removes duplicates results

UNION ALL keeps all data, including duplicates

4 SELECT sale_date
FROM online_sales

UNION ALL

SELECT sale_date
FROM store_sales;

Sale_date
2025-01-12
2025-02-05
2025-03-10
2025-04-15
2025-05-02
2025-01-20
2025-02-08
2025-03-25
2025-04-18
2025-05-05

5. SELECT sale_date
FROM online_sales

UNION

SELECT sale_date
FROM store_sales;

Sale - date
2025-01-12
2025-02-09
2025-03-10
2025-04-19
2025-05-02
2025-01-20
2025-01-20
2025-02-08
2025-03-25
2025-04-18
2025-05-09

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b. SELECT      customer_name
FROM online_sales
WHERE amount > 250

```

UNION

```

SELECT      custom_name
FROM store_sales
WHERE amount > 250;

```

customer_name
Carol
George
Henry

Brion is in both tables with 250, but 250 is not > 250 , so not included.

7. SELECT customer_name, amount, sale_date
FROM online_sales

UNION ALL

SELECT customer_name, amount, sale_date
FROM store_sales;

customer_name	amount	sale_date
Alice	150	2025-01-12
Brian	250	2025-02-05
Carol	300	2025-03-10
Daniel	220	2025-04-15
Emma	180	2025-05-02
Fiona	200	2025-01-20
Brian	250	2025-02-08
George	310	2025-03-25
Alice	150	2025-04-18
Henry	270	2025-05-05

8. SELECT customer_name, amount, sale_date,
'Online'
AS source FROM online_sales

UNION ALL

SELECT customer_name, amount, sale_date,
'store'
AS source FROM store_sales;

customer - name	amount	sale - date	source
Alice	150	2025-01-12	Online
Brian	250	2025-02-05	Online
Carol	300	2025-03-10	Online
Daniel	220	2025-04-16	Online
Emma	180	2025-05-02	Online
Flora	200	2025-01-20	store
Brian	250	2025-02-08	store
George	310	2025-03-25	store
Alice	150	2025-04-18	store
Henry	270	2025-05-05	store

9. SELECT customer - name
FROM C

SELECT customer - name FROM online - sales

UNION ALL

SELECT customer - name FROM store - sales

AS combined

GROUP BY customer - name

HAVING COUNT (*) > 1;

customer - name	
Alice	
Brian	

10. SELECT SUM (amount) AS total - sales
FROM C

SELECT amount FROM online - sales

UNION ALL

SELECT amount FROM store - sales

AS combined;

total - sales

2280

(Mile)

51-10-2505

180

Price

(Mile)

505-05-03

230

Price

(Mile)

505-05-10

240

Price

(Mile)

505-04-18

250

Price

(Mile)

505-04-05

180

Price

(Mile)

505-04-10

200

Price

(Mile)

505-04-08

200

Price

(Mile)

505-05-03

210

Price

(Mile)

505-04-12

180

Price

(Mile)

505-05-02

210

Price

Customer - Name

P. 05/05

Price

select customer - include from online sales

Price

select customer - include from store sales

Price

combined

Price

Customer - Name

Price

Price (x) 1.1

Price

Price All

Price - Name

Price

Price

Price