

SQL : Activity 7 : UNIONS

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) `SELECT customer_name sale_date
FROM online_sales
UNION
SELECT customer_name sale_date
FROM store_sales
ORDER BY sale_date ASC;`

sale_date

2025-01-12
2025-01-15
2025-03-05
2025-03-10
2025-03-10
2025-04-16
2025-04-18
2025-05-02
2025-05-05

4) SELECT sale_date

FROM online_sales

UNION ALL

SELECT sale_date

FROM store_sales;

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

5) SELECT customer_name,

amount

FROM online_sales

WHERE amount > 250

UNION

SELECT customer_name,

amount

FROM store_sales

WHERE amount > 250;

customer_name	amount
Brian	250
Carol	300
George	310
Henry	270

6) SELECT customer_name,

amount,

sale_date

FROM online_sales

UNION ALL

SELECT customer_name,

amount,

sale_date

FROM online_sales;

customer_name	amount	sale_date
Alice	150	2025-01-12
Brian	250	2025-03-05
Carol	300	2025-03-10
Daniel	220	2025-04-10
Emily	180	2025-03-02
Fiona	200	2025-02-20
Brian	250	2025-02-05
George	30	2025-03-25
Alice	150	2025-02-18
Henry	270	2025-05-05

7) SELECT customer_name,

amount,

sales_date,

'Online' AS source

FROM online_sales

UNION

SELECT customer_name,

amount,

sales_date)

'Store' AS source

FROM store_sales;

customer_name	amount	sale_date	source
Alice	150	2025-01-12	online and store
Brian	250	2025-03-05	online and store
Carol	300	2025-03-10	online
Daniel	220	2025-04-10	online
Emily	180	2025-03-02	online
Fiona	200	2025-02-20	store
George	310	2025-03-25	store
Henry	270	2025-05-05	store

8) SELECT customer_name
 FROM C SELECT customer_name
 FROM online_sales
 UNION ALL
 SELECT customer_name
 FROM store_sales) AS occurrences
 GROUP BY customer_name
 HAVING COUNT (customer_name) > 1

customer name	occurrences
Alice	1
Brian	1
Carol	1
Daniel	1
Emma	1
Fiona	1
Grace	2
George	1
Alice	2
Haley	1

9) SELECT SUM(amount) AS total_amount
 FROM online_sales
 UNION ALL
 SELECT SUM(amount) AS total_amount
 FROM store_sales;

total amount

2280