

# 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 sale_date
    FROM online_sales
    UNION
    SELECT customer sale_date
    FROM store_sales
    ORDER BY sale_date ASC;
```

sale\_date

2025-01-12  
2025-01-13  
2025-03-15  
2025-04-08  
2025-09-10  
2025-03-25  
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  
2025-05-07  
2025-01-20  
2025-08-08  
2025-03-25  
2025-04-15  
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	2025-02-05
Carol	300	2025-03-10
Daniel	220	2025-04-10
Emily	180	2025-05-02
Fiona	200	2025-05-10
George	310	2025-03-25
Henry	270	2025-04-15
Alice	150	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	sales_date	Source
Alice	150	2025-01-12	online and store
Brian	250	2025-02-05	online and store
Carol	300	2025-03-10	online
Daniel	220	2025-04-10	online
Emily	180	2025-05-02	online
Fiona	200	2025-05-10	store
George	310	2025-03-25	store
Henry	270	2025-04-15	store

8) SELECT customer\_name  
 FROM (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
George	2
Alice	1
Henry	2

9) SELECT SUM(amount) AS total\_amount  
 FROM online\_sales  
 UNION ALL  
 SELECT SUM(amount) AS total\_amount  
 FROM store\_sales;

total amount  
 2280