

## Exercise 7: 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
Fiana
George
Henry

2. Select customer name  
From online sales  
Union All

Select customer name  
From store sales;

Customer name
Alice
Brian
Carol
Daniel
Emma
Fiana

Customer name
Brian
George
Alice
Henry

3 Select sale date  
From online sales  
Union  
Select sale date  
From store sales  
Order by: sale date Ascending

Sale date
2025 - 01 - 12
2025 - 02 - 05
2025 - 02 - 08
2025 - 03 - 12
2025 - 03 - 25
2025 - 04 - 15
2025 - 04 - 18
2025 - 05 - 02
2025 - 05 - 05
2025 - 05 - 08

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
2025-02-08
2025-01-20
2025-03-25
2025-04-18
2025-05-05

5. Select customer name, amount

case

when amount > 250

From online sales

Select e Union

Select customer name, amount

Case

when amount > 250

From store sales;

Customer name	Amount
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 store sales;

Sale 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	2025-04-10
Henry	270	2025-05-05

7. 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	2025-04-15	Online
Emma	180	2025-05-22	Online
Fiona	200	2025-01-20	Store
Brian	250	2025-02-08	Store
George	310	2025-03-25	Store
Alice	2150	2025-04-18	Store
Henry	270	2025-05-05	Store

q. Select sum(amount) as total amount  
 From (Select amount from online\_sales  
 Union All  
 Select amount from store\_sales) combined;

Total Amount

2280