



# Combining Data Tables – SQL Joins Explained

A JOIN clause in SQL is used to combine rows from two or more tables, based on a **related column** between them.

Table 1 

1		
2		

Table 2 

1		
3		
4		

Outer Join 

1				
2				
3				
4				

Inner Join 


1				

Left Join 

1				
2				

Union  + 

1		
2		
1		
3		
4		

Cross Join 

1			1		
1			3		
1			4		
2			1		
2			3		
2			4		