

Join Tables - Cheat Sheet

Merge

Add columns to table

Left Outer

All rows from A matching from B

A	B	A+B
Rome	LA	Rome
Paris	Paris	Paris Paris
Madrid	Vienna	Madrid
Berlin	Oslo	Berlin
Oslo	London	Oslo Oslo
Dublin		Dublin

Right Outer

All rows from B matching from A

A	B	A+B
Rome	LA	
Paris	Paris	Paris Paris
Madrid	Vienna	
Berlin	Oslo	
Oslo	London	Oslo Oslo
Dublin		Dublin

Full Outer

All from A and B

A	B	A+B
Rome	LA	Rome
Paris	Paris	Paris Paris
Madrid	Vienna	Madrid
Berlin	Oslo	Berlin
Oslo	London	Oslo Oslo
Dublin		Dublin
		LA
		Vienna
		London

Inner

Only matching rows

A	B	A+B
Rome	LA	
Paris	Paris	Paris Paris
Madrid	Vienna	
Berlin	Oslo	
Oslo	London	Oslo Oslo
Dublin		

Left Anti

Rows from A NOT matching from B

A	B	A+B
Rome	LA	Rome
Paris	Paris	
Madrid	Vienna	Madrid
Berlin	Oslo	Berlin
Oslo	London	
Dublin		Dublin

Right Anti

Rows from B NOT matching from A

A	B	A+B
Rome	LA	LA
Paris	Paris	
Madrid	Vienna	Vienna
Berlin	Oslo	
Oslo	London	London
Dublin		

Append

Add rows to the table

Different header names

A	B	A
Rome	LA	Rome
Paris	Paris	Paris
Madrid	Vienna	Madrid
Berlin	Oslo	Berlin
Oslo	London	Oslo
Dublin		Dublin
		B
		LA
		Paris
		Vienna
		Oslo
		London

Same header names

A	A	A
Rome	LA	Rome
Paris	Paris	Paris
Madrid	Vienna	Madrid
Berlin	Oslo	Berlin
Oslo	London	Oslo
Dublin		Dublin
		LA
		Paris
		Vienna
		Oslo
		London