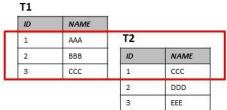
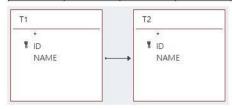
SQL JOINS CHEATSHEET





LEFT JOIN

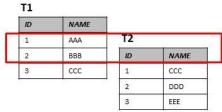
T1.ID	T1.NAME	T2.ID	T2.NAME
1	AAA	NULL	NULL
2	BBB	NULL	NULL
3	ccc	1	ccc

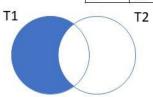


SELECT * FROM T1

LEFT JOIN T2

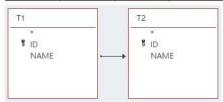
ONT1.NAME=T2.NAME





LEFT JOIN (EXCLUDE T2)

T1.ID	T1.NAME	T2.ID	T2.NAME
1	AAA	NULL	NULL
2	BBB	NULL	NULL



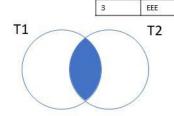
SELECT * FROM T1

LEFT JOIN T2

ONT1.NAME=T2.NAME

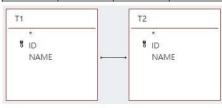
WHERE T2.ID IS NULL

T1 ID NAME T2 AAA ID ввв NAME CCC 1 CCC DDD 2



INNER JOIN

T1.ID	T1.NAME	T2.ID	T2.NAME
3	ccc	1	ccc

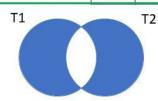


SELECT * FROM T1 **INNER JOIN T2**

ONT1.NAME = T2.NAME



	ID	INAIVIE			
Γ	1	AAA	T2	000	8
L	2	BBB	ID	NAME	
	3	ccc	1	ccc	
Γ			2	DDD	
L			3	EEE	



UNION ALL (EXCLUDE INNER)

T1.ID	T1.NAME	T2.ID	T2.NAME
1	AAA	NULL	NULL
2	BBB	NULL	NULL
NULL	NULL	2	DDD
NULL	NULL	3	EEE

SELECT * FROM T1

LEFT JOIN T2 ON T1.NAME = T2.NAME

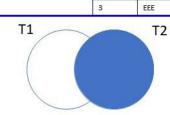
WHERE T2.ID IS Null

UNION ALL

SELECT * FROM T1

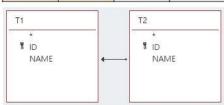
RIGHT JOIN T2 ON T1.NAME=T2.NAME WHERE T1.ID IS NULL

T1 ID NAME T2 1 AAA ID NAME BBB 2 CCC CCC 3 DDD



RIGHT JOIN

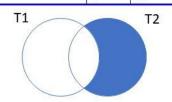
T1.ID	T1.NAME	T2.ID	T2.NAME
3	ccc	1	ccc
NULL	NULL	2	DDD
NULL	NULL	3	EEE



SELECT * FROM T1 **RIGHT JOIN T2** ONT1.NAME = T2.NAME

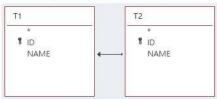
T1

ID	NAME		
1	AAA	T2	
2	BBB	ID	NAME
3	ccc	1	ссс
		2	DDD
		3	EEE



RIGHT JOIN (EXCLUDE T1)

T1.ID	T1.NAME	T2.ID	T2.NAME
NULL	NULL	2	DDD
NULL	NULL	3	EEE



SELECT * FROM T1 **RIGHT JOIN T2** ONT1.NAME = T2.NAME WHERE T1.ID IS NULL

T1

	ID	NAME		
	1	AAA	T2	527 429
ı	2	BBB	ID	NAME
ı	3	ccc	1	ccc
		- 10	2	DDD
			3	EEE



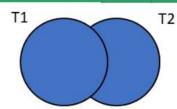
FULL OUTER JOIN

T1.ID	T1.NAME	T2.ID	T2.NAME	
1	AAA	NULL	NULL	
2	ввв	NULL	NULL	
3	ccc	1	ccc	
NULL	NULL	2	DDD	
NULL	NULL	3	EEE	

SELECT * FROM T1 **FULL OUTER JOIN T2**

ONT1.NAME=T2.NAME

T1 ID NAME T2 1 AAA ввв 2 ID NAME 3 CCC 1 CCC 2 DDD 3 EEE



UNION ALL

T1.ID	T1.NAME	T2.ID	T2.NAME
1	AAA	NULL	NULL
2	BBB	NULL	NULL
3	ccc	1	ccc
NULL	NULL	2	DDD
NULL	NULL	3	EEE

SELECT * FROM T1

LEFT JOIN T2 ON T1.NAME = T2.NAME

UNION ALL

SELECT * FROM T1

RIGHT JOIN T2 ON T1.NAME=T2.NAME

WHERE T1.ID IS Null

