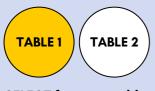
## **SQL CHEATSHEET**

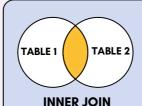


## TSQL JOIN TYPES

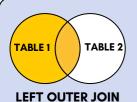


**SELECT \* FROM** Table1;

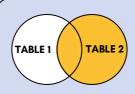
SELECT \*
SELECT from two tables FROM Table 2;



SELECT \*
FROM Table1 t1;
INNER JOIN Table2 t2
ON t1. fk t2.id;

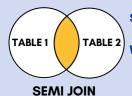


SELECT \*
FROM Table1 t1;
LEFT OUTER JOIN Table2 t2
ON t1.fk = t2.id;



**RIGHT OUTER JOIN** 

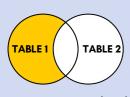
SELECT \*
FROM Table1 t1;
RIGHT OUTER JOIN Table2 t2
ON t1.fk tz.id;



SELECT \*
FROM Table1 t1;
WHERE EXISTS (SELECT 1
FROM Table2 t2
WHERE 11. fk t2.id
);

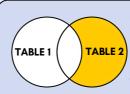


SELECT \*
FROM Table1 t1;
WHERE NOT EXISTS (SELECT 1
FROM Table2 t2
WHERE t1.fk = t2.id



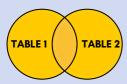
SELECT \*
FROM Table1 t1;
LEFT OUTER JOIN Table2 t2
ON t1.fk = t2.id;
WHERE 12.id IS NULL;

LEFT OUTER JOIN with exclusion - replacement for a NOT IN



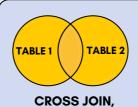
SELECT \*
FROM Table1 t1;
RIGHT OUTER JOIN Table2 t2
ON t1.fk tz.id;
WHERE t1.fk IS NULL;

RIGHT OUTER JOIN with exclusion -replacement for a NOT IN



SELECT \*
FROM Table1 t1;
FULL OUTER JOIN Table2 t2
ON 11. fk t2.id;

**FULL OUTER JOIN** 

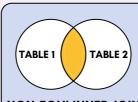


SELECT \*
FROM Table1 t1;
CROSS JOIN Table2 t2;

CROSS JOIN, the Cartesian product



FROM Table1 t1;
FULL OUTER JOIN Table2 t2
ON 11. fk t2.id;
WHERE t1.fk IS NULL
OR 12.id IS NULL;



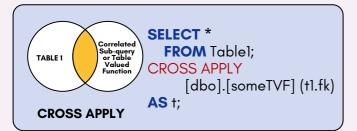
FROM Table1 t1; INNER JOIN Tablez t2 ON t1.fk t2.id;

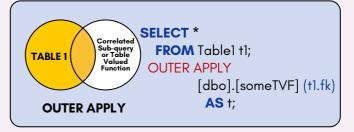
**NON-EQUI INNER JOIN** 

## **SQL CHEATSHEET**



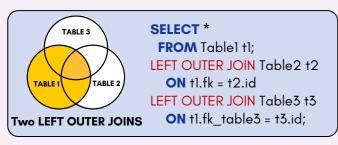
## TSQL JOIN TYPES



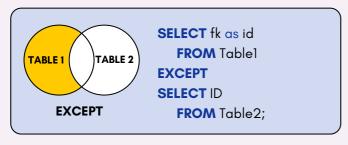












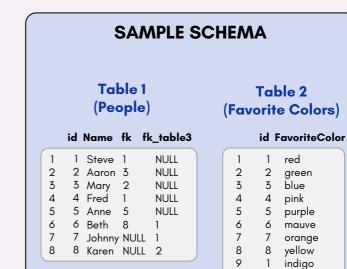
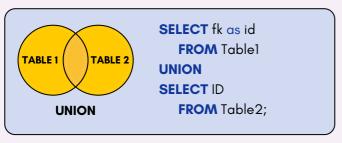


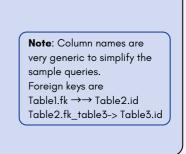
Table 3 (Favorite Foods)

id datavalue

Burger

Sushi





red

green

blue

pink

purple

mauve

orange

yellow

indigo

