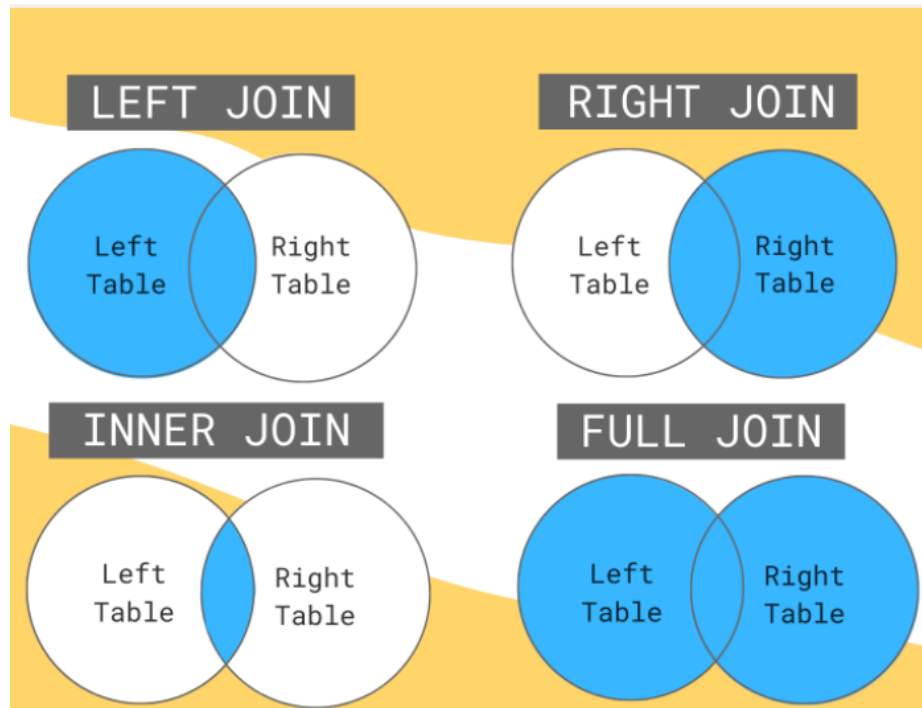# SQL JOINS

JOINs are used in SQL queries to link records from two tables based on a common unique key.

Types of SQL JOINs

INNER, LEFT, RIGHT, FULL, SELF

INNER JOIN:

Returns only those records that match the join condition in both tables.

LEFT JOIN:

Returns all rows from the left table, even if no matching rows have been found in the right table.

RIGHT JOIN:

Returns all rows from the right table. If there are no matches in the left table, NULL values are returned for those columns.

FULL JOIN:

A FULL JOIN is essentially a combination of LEFT JOIN and RIGHT JOIN. It returns all rows from both tables. Where no match is found in either the right or left table, it returns NULLs for those columns. In other words, it is the union of columns of the two tables.