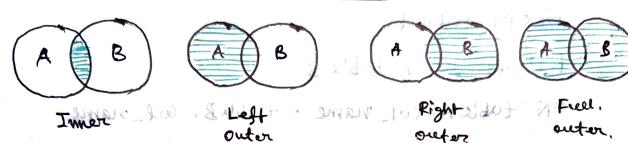
Joins in sel

Join is used to combine nows from two on more tables based on a related colourn between them.

Types of Joins



Inner Joinst

Returns neconds that have matching values in both tables.

SELECT Coloumn(s)

FROM tableA (AS A)

INNER JOIN table B (AS B)

ON tableA. Col name = table B. Col_ name;

(A. Col_name = B. Col_name;) # Alias.

Left Joins :-

Returns all neconds from the left table, and the matches records from the night table.

THITTING COURSE HIS

SELECT coloumn(s)

FROM table A

LEFT JOIN table B

ON table A. Col_name = table B. col_name;

Right John:

Returns all the necends from the night table, and the matched necond from the Left table.

SELECT coloumn(65) to 246.

FROM table A. RIGHT JOIN table B.

ON table A. Col_name = table B. Col_name.

Full Join -

Returns all neconds whon two is a match in either.

LEFT JOIN # Left and right Join both the table and union 1 Join them (only unique).

SELECT # FROM Student As a A

LEFTJOIN course AS b

Table-1

on aid = bid

UNION

SELECT * FROM Student AS a

RIGHT JOIN counse AS 6

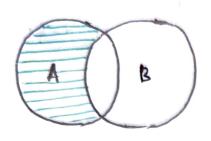
ON a.id = b.id;

3 Dutto

* - AUL

I WHAT JOINST

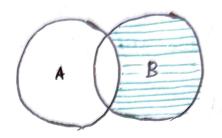
Left Exclusive and Right Exclusive Joins 2-



LEFT Exclusive

only the Data present in (A) not common in B

According to Join



RIGHT Exclusive

only the Data present in

B) not common in (A)

SELECT * FROM Student AS a

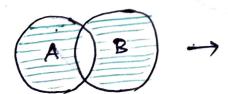
LEFT/RIGHT JOIN COUNSE AS 6

ON a. id = b. id

Left Exclusive -> WHERE b.id Is NULL

Right Exclusive - WHERE a, id IS NULL

Full Exclusive Joins & +



LEFT Exclusive JOINT UNION

RIGHT Exclusive JOIN

only the Data in A and B

no common Data.

SELF JOIN

In a single table if there were two types of data, in that case we use SELF JOIN to get relavant data.

Examplet

| | - evietulex j | EHALLY | · 22/4 |
|-----|---------------|------------|--|
| id | name | managerid | |
| 101 | adam | 103 | no transa |
| 102 | 50b | 104 | |
| 103 | Casey | null | |
| 104 | donald | 103 | and the second s |
| | Det in | FROM Store | * 10 11 13 |

SELECT a. name As manager_name, b. name

FROM employee As a

JOIN employee As b

ON a. H = b. manager_id;

>

| monayer_name | name | | |
|--------------|--------|---|--|
| Casey | adam | 3 | |
| donald | adam | | |
| casey | donald | | |

If we SELECT * FROM employee AS a ...

| lid | name | manager_D | IA | name | manger_D |
|-----|--------|-----------|-----|--------|----------|
| 103 | Casey | Null | 101 | adam | 103 |
| 104 | donabl | 103 | 102 | 1 | 104 |
| 103 | Casery | Nul | 104 | donald | 103 |

D.Dutle

Eller Exclusive

(B) introver in the (A)

Full Exclusive Joins: +