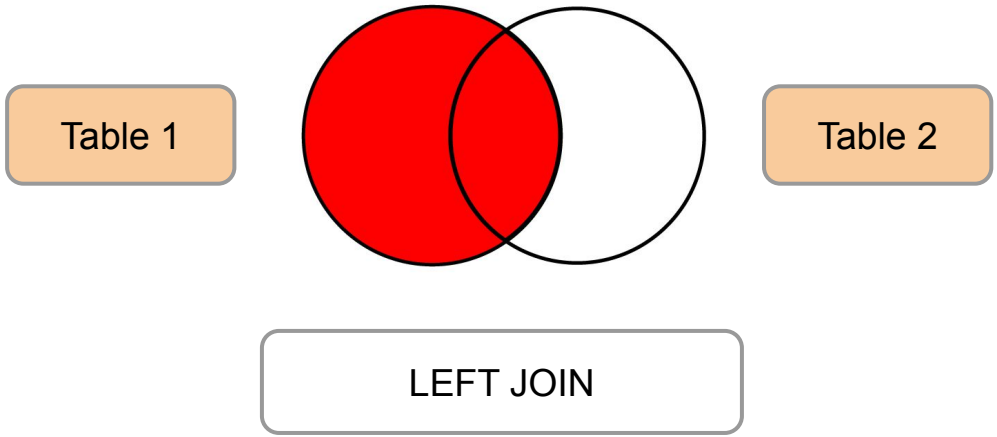
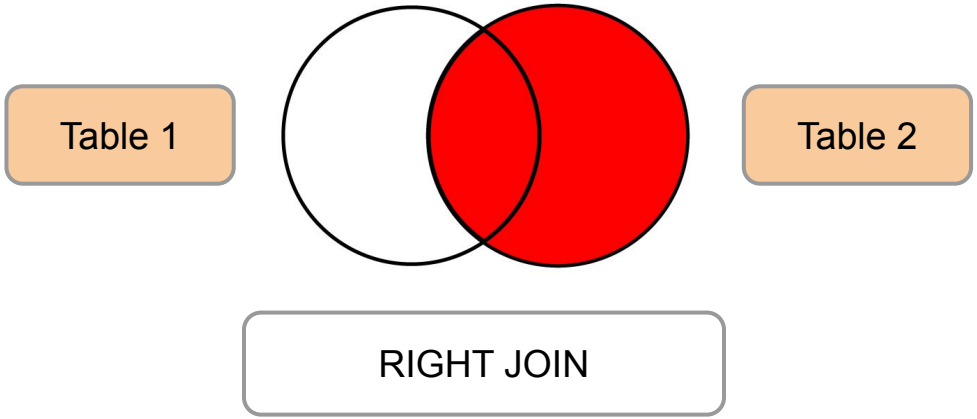
Full Outer Join

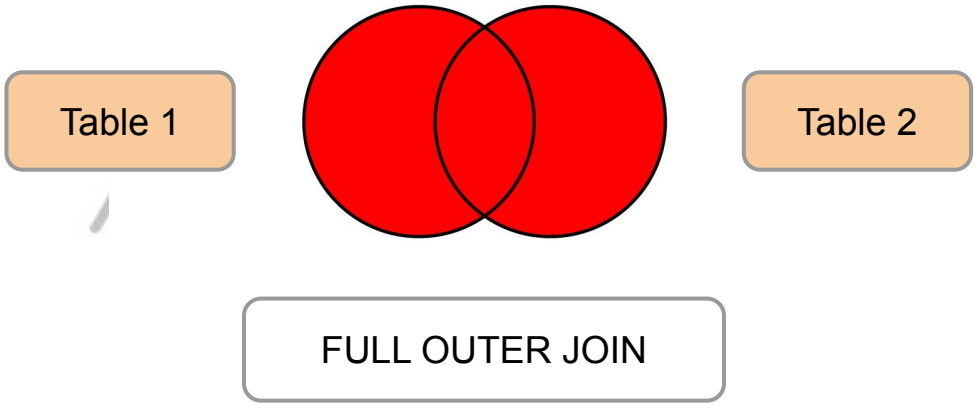
Left Join



Right Join



Full Outer Join



Full Outer Join

Table 1

A	B	C
A100	20	10
A200	30	29
A300	30	33

Table 2

A	X	Y
A100	1	1
A400	3	0
A200	3	2

FULL OUTER JOIN

Analytics Vidhya

Full Outer Join

Table 1

A	B	C
A100	20	10
A200	30	29
A300	30	33

Table 2

A	X	Y
A100	1	1
A400	3	0
A200	3	2

Analytics Vidhya

A	B	C	X	Y
A100	20	10	1	1
A200	30	29	3	2
A300	30	33	NULL	NULL
A400	NULL	NULL	3	0

Full Outer Join

Table 3

A	W	Z
A400	2	3
A200	0	2
A600	1	2

A	B	C	X	Y
A100	20	10	1	1
A200	30	29	3	2
A300	30	33	NULL	NULL
A400	NULL	NULL	3	0

A	B	C	X	Y	W	Z
A100	20	10	1	1		
A200	30	29	3	2	0	2
A300	30	33	NULL	NULL	NULL	NULL
A400	NULL	NULL	3	0	2	3
A600	NULL	NULL	NULL	NULL	1	2

Syntax of Full Outer Join

Table 1

A	B	C
A100	20	10
A200	30	29
A300	30	33

Table 2

A	X	Y
A100	1	1
A400	3	0
A200	3	2

FULL OUTER JOIN

```
SELECT  Table 1.A,  Table 2.B  FROM  TABLE 1  LEFT JOIN
TABLE 2  ON  Table 1 . A  = Table 2. A
UNION
SELECT  Table 1.A,  Table 2.B  FROM  TABLE 1  RIGHT JOIN
TABLE 2  ON  Table 1 . A  = Table 2. A
```

Thank You!

Analytics Vidhya