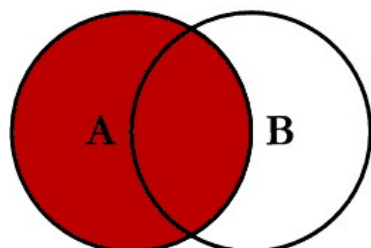


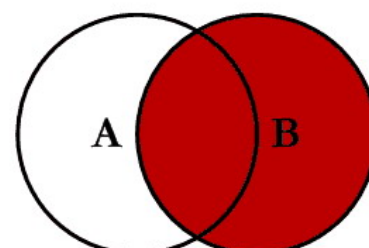
JOINS not JOINTS

DISTINCT - Creates a group of repeated outcomes.

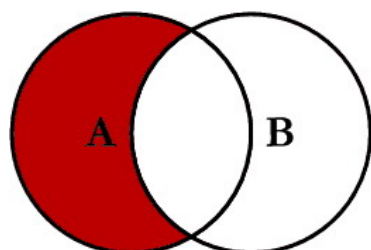
SQL JOINS



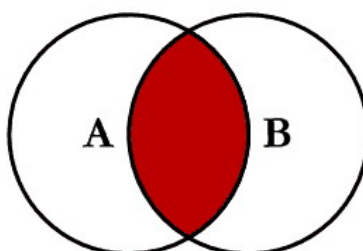
```
SELECT <select_list>
FROM TableA A
LEFT JOIN TableB B
ON A.Key = B.Key
```



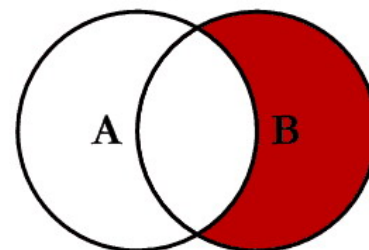
```
SELECT <select_list>
FROM TableA A
RIGHT JOIN TableB B
ON A.Key = B.Key
```



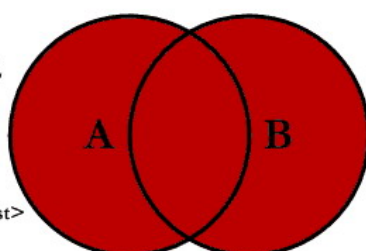
```
SELECT <select_list>
FROM TableA A
LEFT JOIN TableB B
ON A.Key = B.Key
WHERE B.Key IS NULL
```



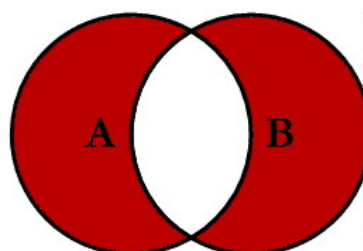
```
SELECT <select_list>
FROM TableA A
INNER JOIN TableB B
ON A.Key = B.Key
```



```
SELECT <select_list>
FROM TableA A
RIGHT JOIN TableB B
ON A.Key = B.Key
WHERE A.Key IS NULL
```



```
SELECT <select_list>
FROM TableA A
FULL OUTER JOIN TableB B
ON A.Key = B.Key
```



```
SELECT <select_list>
FROM TableA A
FULL OUTER JOIN TableB B
ON A.Key = B.Key
WHERE A.Key IS NULL
OR B.Key IS NULL
```

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- Joins
 - Inner
 - Outer
 1. Left
 2. Right
 3. Full

LEFT JOIN - Returns Table1 data and common from Table2 data

```
SELECT < select_list>
FROM table1_name
LEFT JOIN table2_name
ON table1_name.key = table2_name.key
```

RIGHT JOIN - Returns Table2 data and common from Table1 data

```
SELECT < select_list>
FROM table1_name
RIGHT JOIN table2_name
ON table1_name.key = table2_name.key
```

LEFT JOIN - Returns only Table1 without common from Table2

```
SELECT < select_list>
FROM table1_name
LEFT JOIN table2_name
ON table1_name.key = table2_name.key
WHERE table2_name.key = NULL
```

RIGHT JOIN - Returns only Table2 data without common from Table1

```
SELECT < select_list>
FROM table1_name
RIGHT JOIN table2_name
ON table1_name.key = table2_name.key
WHERE table1_name.key = NULL
```

INNER JOIN - Returns only common data from Table1 and Table2

```
SELECT < select_list>
FROM table1_name
INNER JOIN table2_name
ON table1_name.key = table2_name.key
```

FULL JOIN - Returns all the data from Table1 and Table2

```
SELECT < select_list>
FROM table1_name
FULL OUTER JOIN table2_name
ON table1_name.key = table2_name.key
```

FULL JOIN - Returns all the data from Table1 and Table2

```
SELECT < select_list>  
FROM table1_name  
FULL OUTER JOIN table2_name  
ON table1_name.key = table2_name.key  
WHERE table1_name.key = NULL OR table2_name.key = NULL
```

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