

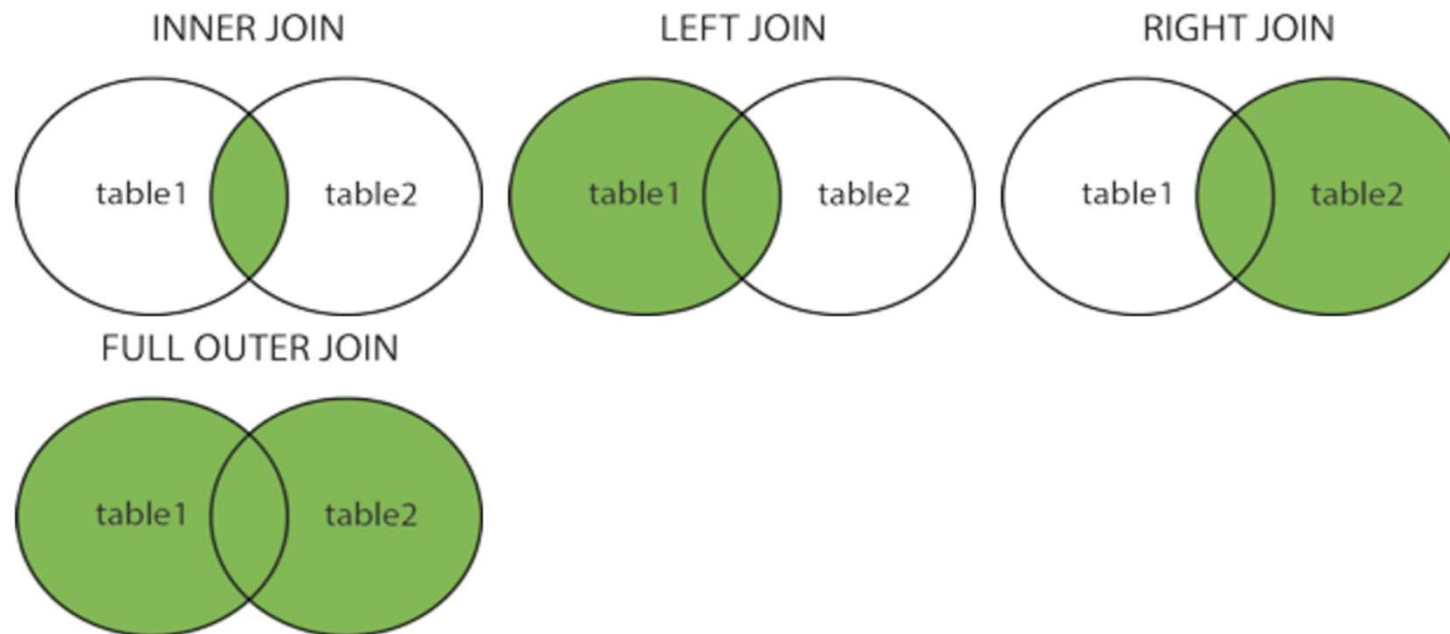
# **Different Types of SQL JOINS:**

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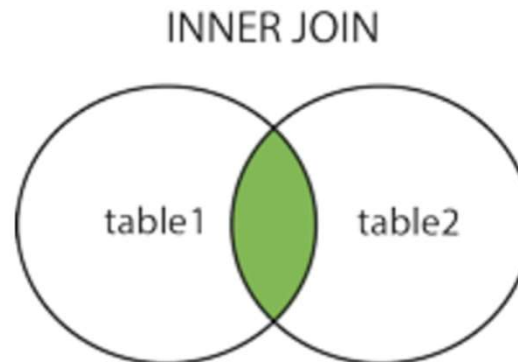
# Different Types of SQL JOINS:

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# SQL INNER JOIN

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## Syntax :

```
SELECT column_name(s)
FROM table1
INNER JOIN table2
ON table1.column_name = table2.column_name;
```

# SQL INNER JOIN Keyword

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## Example 1 :

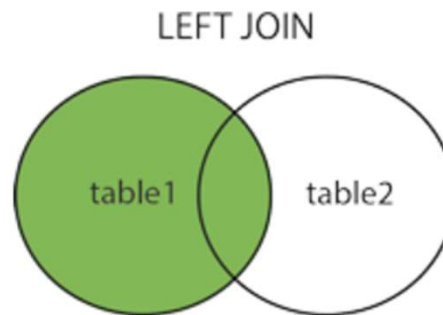
```
SELECT Orders.OrderID,  
Customers.CustomerName  
FROM Orders  
INNER JOIN Customers ON  
Orders.CustomerID =  
Customers.CustomerID;
```

## Example 2 :

```
SELECT Orders.OrderID,  
Customers.CustomerName,  
Shippers.ShipperName  
FROM ((Orders  
INNER JOIN Customers ON Orders.CustomerI  
D = Customers.CustomerID)  
INNER JOIN Shippers ON Orders.ShipperID  
= Shippers.ShipperID);
```

# SQL LEFT JOIN

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## Syntax :

```
SELECT column_name(s)
FROM table1
LEFT JOIN table2
ON table1.column_name = table2.column_name;
```

# SQL LEFT JOIN

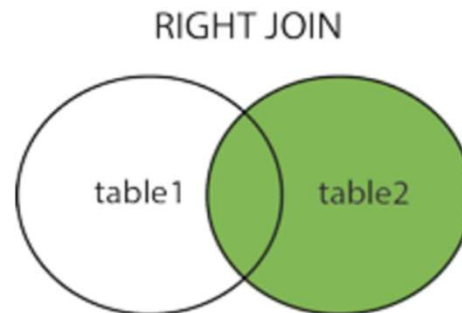
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## Example :

```
SELECT Customers.CustomerName,  
Orders.OrderID  
FROM Customers  
LEFT JOIN Orders ON Customers.CustomerID =  
Orders.CustomerID  
ORDER BY Customers.CustomerName;
```

# SQL RIGHT JOIN

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## Syntax :

```
SELECT column_name(s)  
FROM table1  
RIGHT JOIN table2  
ON table1.column_name = table2.column_name;
```

# SQL RIGHT JOIN

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## Example :

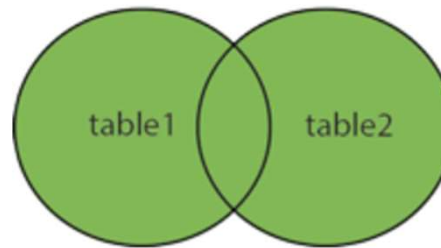
```
SELECT Orders.OrderID, Employees.LastName,  
Employees.FirstName  
FROM Orders  
RIGHT JOIN Employees ON Orders.EmployeeID =  
Employees.EmployeeID  
ORDER BY Orders.OrderID;
```



# SQL FULL OUTER JOIN

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FULL OUTER JOIN



## Syntax :

```
SELECT column_name(s)
FROM table1
FULL OUTER JOIN table2
ON table1.column_name = table2.column_name
WHERE condition;
```

# SQL FULL OUTER JOIN

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## Example :

```
SELECT Customers.CustomerName, Orders.OrderID  
FROM Customers  
FULL OUTER JOIN Orders ON Customers.CustomerID=  
Orders.CustomerID  
ORDER BY Customers.CustomerName;
```