

Hartman Consulting Associates (c) 2022

Example Name / Description	Image	SQL String
<p>Inner Join</p> <p>Select rows from A where there is a match in B.</p>		<pre>SELECT A.FirstName, A.City, B.State FROM tblPeople AS A INNER JOIN tblLocations AS B ON A.City = B.City;</pre>
<p>Left Join</p> <p>Select all rows from A plus data where there is a match in B.</p>		<pre>SELECT A.FirstName, A.City, B.State FROM tblPeople AS A LEFT JOIN tblLocations AS B ON A.City = B.City;</pre>
<p>Right Join</p> <p>Select all rows from B plus data where there is a match in A.</p>		<pre>SELECT A.FirstName, B.City, B.State FROM tblPeople AS A RIGHT JOIN tblLocations AS B ON A.City = B.City;</pre>
<p>Left Join Excluding</p> <p>Select all rows from A plus data where there is NO match in B.</p>		<pre>SELECT A.FirstName, A.City, B.State FROM tblPeople AS A LEFT JOIN tblLocations AS B ON A.City = B.City WHERE ((B.State) Is Null);</pre>
<p>Right Join Excluding</p> <p>Select all rows from B plus data where there is NO match in A.</p>		<pre>SELECT A.FirstName, B.City, B.State FROM tblPeople AS A RIGHT JOIN tblLocations AS B ON A.City = B.City WHERE (((A.FirstName) Is Null));</pre>
<p>Full Outer Join</p> <p>Select all rows from A and all rows from B even when there is NO match.</p>		<pre>SELECT A.FirstName, A.City, B.State FROM tblPeople AS A LEFT JOIN tblLocations AS B ON A.City = B.City UNION SELECT A.FirstName, B.City, B.State FROM tblPeople AS A RIGHT JOIN tblLocations AS B ON A.City = B.City;</pre>
<p>Full Outer Join Excluding</p> <p>Select all rows from A and all rows from B only when there is NO match.</p>		<pre>SELECT A.FirstName, A.City, B.State FROM tblPeople AS A LEFT JOIN tblLocations AS B ON A.City = B.City WHERE B.City Is Null UNION SELECT A.FirstName, B.City, B.State FROM tblPeople AS A RIGHT JOIN tblLocations AS B ON A.City = B.City WHERE A.City Is Null;</pre>
<p>Cross Join</p> <p>Select all rows from A multiplied by all rows in B.</p>		<pre>SELECT A.FirstName, A.City, B.State FROM tblPeople AS A, tblLocations AS B;</pre>