Cheatsheet for me SQL

1. Charindex()

To find the position of the t

Select charindex(‘t’, ‘Customer’) as MatchPosition;

1. Concat()

To join the text

Select concat(‘W3school’,’ .com’)

1. Concat with +

To join the text

Select ‘sql’ + ‘ ‘+ ‘is’+ ‘ ‘ +’fun’;

1. Concat\_ws(‘.’, ‘www’, ‘w3schools’, ‘com’);

Eg , SELECT CONCAT\_WS('-', 'SQL', ' is', ' fun!');

Result: SQL-is-fun!

1. Datalength()

Select datalenght(‘2017-08’)

Result: 7

1. Difference()

SELECT DIFFERENCE('Juice', 'Banana');

Result: 2

1. Left()

Left() function extracts a number of characters from a string (starting from the left)

LEFT(string, number\_of\_chars)

SELECT LEFT(CustomerName, 5) AS ExtractString

FROM Customers;

Result: Alfre, Ana T

1. Len()

Eg, select len(‘w3schools.com’);

Returns the length of the string

1. Lower() and upper()

To make the text case upper and lower

1. Ltrim()

Remove leading spaces from a string: space hatcha

Eg : SELECT LTRIM('     SQL Tutorial') AS LeftTrimmedString;

Result: SQL Tutorial

1. Replace()

Replace T with the M

Select replace(‘SQL Tutorial’, ‘T’, ‘M’);

1. Replicate()

The replicate function repeats a string a specified number of times.

Select replicate(customerName, 2) from customer;

customerName repeate huncha dui palta

1. Reverse()

Select reverse(‘SQL Tutorial’)

Or

Select reverse(customerName) from customer;

1. Right()

Right( string, number\_of\_chars)

Extracts a number of characters from a string (starting from the right)

Select right(‘SQL Tutorial’, 3) as extractstring

From customer;

1. RTrim()

Remove trailing spaces from a string

Select rtrim(‘SQL Tutorial ‘) as righttrimmedString;

1. Substring()

Extract 3 characters from a string, starting in position 1:

Select substring(‘SQL tutorial’, 1, 3) as extractstring;

1. Trim()

Remove leading and trailing spaces from a string

Select trim (‘ SQL Tutorial! ‘) as TrimmedString;

1. Upper()

Convert the text to upper-case

And lower()

Convert the text to lower-case

1. Select acos(value)

Select asin(value)

Select atan(value)