String functions

Manipulation – CONCAT, UPPER, LOWER, TRIM, REPLACE

Calculation – LEN

String Extraction – LEFT, RIGHT, SUBSTRING

CONCAT – Combines multiple strings value into one value.

Example –

SELECT District,

State,

CONCAT(District, ', ', State)

FROM

Data1

LOWER & UPPER –

Converts all the alphabets to UPPER & LOWER case

Example –

SELECT District,

State,

CONCAT(District, ', ', State),

LOWER(District),

UPPER(State)

FROM

Data1

TRIM –

SELECT

District,

LEN(District),

LEN(TRIM(District)),

LEN(District) - LEN(TRIM(District))

FROM Data1

WHERE LEN(District) - LEN(TRIM(District)) !=0

REPLACE –

Replaces specific character with something new

Example –

SELECT

'123-456-7890' AS phone,

REPLACE('123-456-7890', '-', '/') AS new

Length (LEN) –

Counts the character in the value.

Example –

LEN(‘Maria’)

LEFT & RIGHT –

Extracts specific number of characters from LEFT and RIGHT.

Syntax –

LEFT (Value, no of characters)

Example –

SELECT District, LEFT(District, 2)

FROM Data1

SELECT District, RIGHT(District, 2)

FROM Data1

SUBSTRING –

Extracts part of the string from a specified position

Syntax -

SUBSTRING(Value, Start, Length)

Example –

SELECT District, SUBSTRING(District, 2, LEN(District))

FROM Data1