Function Reference (MS SQL)

Mathematical

COUNT(* / column)
Return: The number of non-Null values in the specified column

MAX(column)
Return: The maximum value in the column

MIN(column)
Return: The minimum value in the column

SUM(column)
Return: The sum of all rows in the column

AVG(column)
Return: The average of all rows in the column

ABS(column)
Return: The absolute value of the column data

ROUND(column, decimal-places)
Return: The column value rounded to the specified number of decimal points

RAND()
Return: A random number between 0.0 and 1.0
Note: Best used in ORDER BY

String Manipulation

UPPER(column)
Return: The text in the specified column, converter to uppercase

LOWER(column)
Return: The text in the specified column, converter to lowercase

TRIM(column)
Return: The text in the specified column with white-space stripped from both sides

LTRIM(column)
Return: The text in the specified column with white-space stripped from the left side

RTRIM(column)
Return: The text in the specified column with white-space stripped from the right side

CONCAT('string1' / column, 'string2' / column)
Return: 'string1string2', a string with the specified text or columns concatenated together

Dates & Times

GETDATE()
Return: A string containing the current date and time

DATE(datetime / column)
Return: The date component of the specified date string or column

TIME(datetime / column)
Return: The date component of the specified date string or column

YEAR(datetime / column)
Return: The year component of the specified date string or column

MONTH(datetime / column)
Return: The date component of the specified date string or column

DAY(datetime / column)
Return: The date component of the specified date string or column