

Function Reference (SQLite)

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

RANDOM()

Return: A random integer in a large range of numbers

Note: Best used in ORDER BY

String Manipulation

UPPER(column)

Return: The text in the specified column, converted to uppercase

LOWER(column)

Return: The text in the specified column, converted 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

'string1' / column || 'string2' / column

Return: 'string1string2', a string with the specified text or columns concatenated together

Dates & Times

DATETIME()

Return: A string containing the current date and time

STRFTIME(format-string, datetime / column)

Return: A new string formatted according to the format-string, pulling date information from the second parameter

Note: format-string uses values from the date formatting list below

Date Formatting

%Y - year (0000-9999)

%m - month (01-12)

%d - day (01-31)

%H - hour (00-23)

%M - minute (00-59)

%S - seconds (00-59)

%j - day of year (001-366)

%w - day of week (0-6)

%% - %