@codinglobsters

SQL

FUNCTIONS





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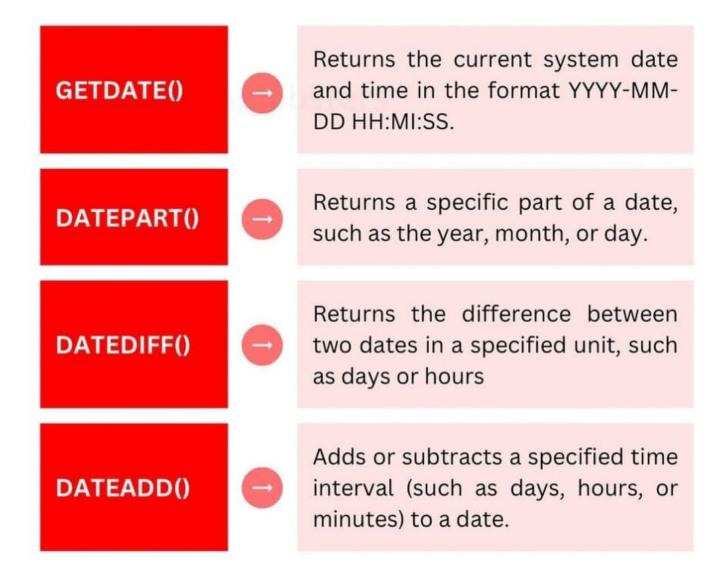
Microsoft SQL Server provides a wide range of **built-in functions** that can be used to manipulate and analyze data in various ways.

Let's learn some of the commonly used types of built-in functions.



Date Time functions

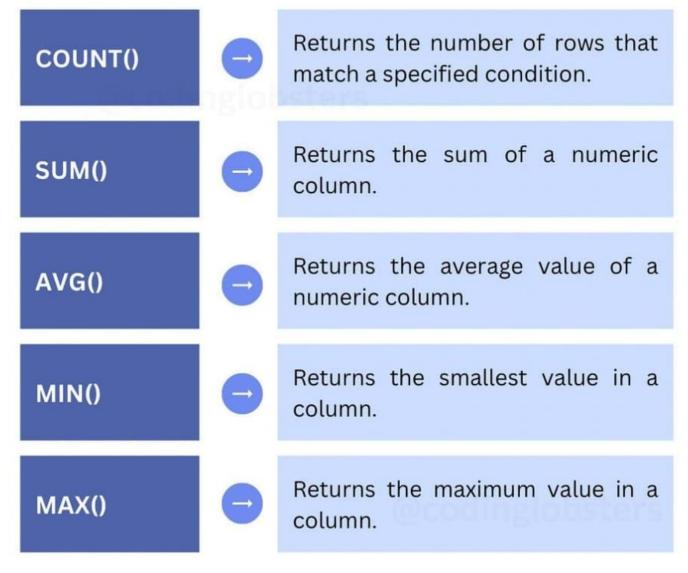
SQL Date Time functions are used to manipulate and format date and time values.





Aggregate functions

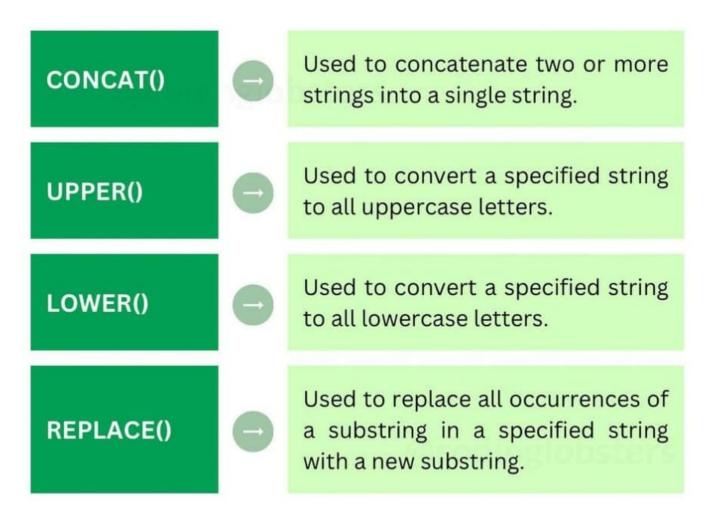
SQL Aggregate functions are used to perform calculations on a set of rows and return a single value as the result.





String Functions

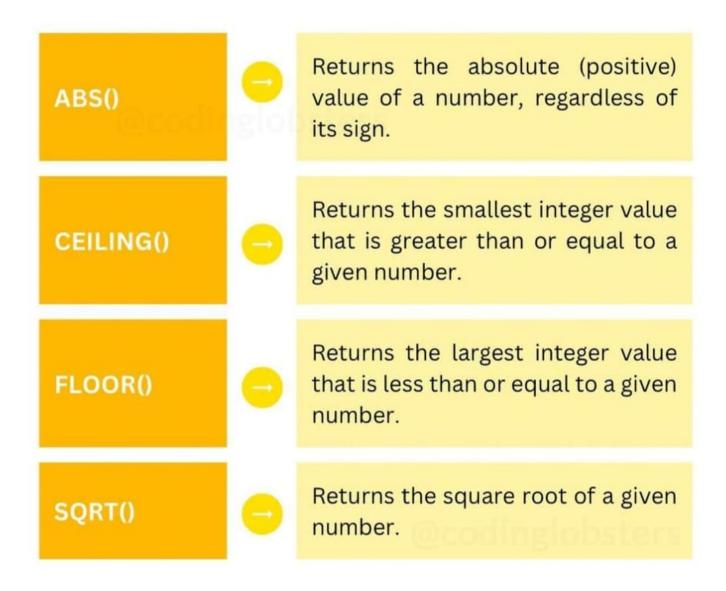
SQL String functions help you modify and work with text data in your database, like combining words, finding specific words, trimming, and formatting.





Mathematical Functions

SQL Mathematical functions are used to perform calculations and operations on numerical data within a SQL query.





Ranking Functions

SQL Ranking functions are used to assign a rank or row number to each row within a result set.

EXAMPLES

RANK()

Assigns a unique ranking to each row within a result set, where ties are assigned the same rank and the next consecutive rank is not skipped.

DENSE_RANK()



Assigns a unique ranking to each row within a result set, where ties are assigned the same rank and the next consecutive rank is skipped.

ROW_NUMBER()



Returns the number of rows that match a specified condition.