|  |  |  |
| --- | --- | --- |
| Operator | Description | Example |
| = | Equals | WHERE age = 16 |
| != | Not equal to | WHERE grade != '12th' |
| <> | Not equal to (alternative) | WHERE grade <> '12th' |
| > | Greater than | WHERE age > 16 |
| < | Less than | WHERE age < 17 |
| >= | Greater than or equal to | WHERE age >= 16 |
| <= | Less than or equal to | WHERE age <= 18 |
| BETWEEN | Within a range (inclusive) | WHERE age BETWEEN 15 AND 17 |
| IN | Matches any in a list | WHERE grade IN ('10th', '12th') |
| NOT IN | Excludes list items | WHERE grade NOT IN ('9th', '11th') |
| LIKE | Pattern matching | WHERE name LIKE 'A%' (names starting with A) |
| NOT LIKE | Pattern not matching | WHERE name NOT LIKE '%a' (names not ending in a) |

More Date Pattern Examples

|  |  |
| --- | --- |
| Pattern to be Matched | Matches |
| '2025-05-%' | Any day in May 2025 |
| '2024-12- ' | All 2-digit days in December 2024 |
| ' -01-01' | 1st January of any year |
| '202\_- - ' | Any date in the 2020s decade |
| ' - -3\_' | All dates from day 30 to 39 (not valid, but works syntactically) |

|  |  |  |
| --- | --- | --- |
| Function | Returns | Example Output |
| CURRENT\_DATE | Date only | 2025-05-02 |
| CURRENT\_TIME | Time only | 14:23:45 |
| NOW() | Date and time | 2025-05-02 14:23:45 |
| CURRENT\_TIMESTAMP | Date and time | 2025-05-02 14:23:45 |
| LOCALTIME | Date and time | 2025-05-02 14:23:45 |

Alternatives

ON DELETE CASCADE

ON DELETE RESTRICT

ON DELETE NO ACTION

ON DELETE SET DEFAULT

other DBMSs).