**Data Types**

**Numeric Types Description**

TINYINT A very small integer

SMALLINT A small integer

MEDIUMINT A medium-sized integer

INT A standard integer

BIGINT A large integer

DECIMAL A fixed-point number

FLOAT A single-precision floating point number

DOUBLE A double-precision floating point number

BIT A bit field

**MySQL Boolean data type**

MySQL does not have the built-in BOOLEAN or BOOL data type. To represent boolean values, MySQL uses the smallest integer type which is TINYINT(1). In other words, BOOLEAN and BOOL are synonyms for TINYINT(1).

**MySQL String data types**

String Types Description

CHAR A fixed-length non-binary (character) string

VARCHAR A variable-length non-binary string

BINARY A fixed-length binary string

VARBINARY A variable-length binary string

TINYBLOB A very small BLOB (binary large object)

BLOB A small BLOB

MEDIUMBLOB A medium-sized BLOB

LONGBLOB A large BLOB

TINYTEXT A very small non-binary string

TEXT A small non-binary string

MEDIUMTEXT A medium-sized non-binary string

LONGTEXT A large non-binary string

ENUM An enumeration; each column value may be assigned one enumeration member

SET A set; each column value may be assigned zero or more SET members

## MySQL date and time data types

## Date and Time Types Description

## DATE A date value in CCYY-MM-DD format

## TIME A time value in hh:mm:ss format

## DATETIME A date and time value in CCYY-MM-DD hh:mm:ssformat

## TIMESTAMP A timestamp value in CCYY-MM-DD hh:mm:ss format

## YEAR A year value in CCYY or YY format