**Data types** specify the type of data for a particular column.

If a column called "LastName" is going to hold names, then that particular column should have a "varchar" (variable-length character) data type.

## The most common data types:

## Numeric

**INT** -A normal-sized integer that can be signed or unsigned.

**FLOAT**(M,D) - A floating-point number that cannot be unsigned. You can optionally define the display length (M) and the number of decimals (D). **DOUBLE**(M,D) - A double precision floating-point number that cannot be unsigned. You can optionally define the display length (M) and the number of decimals (D).

## **Date and Time**

**DATE** - A date in *YYYY-MM-DD* format.

**DATETIME** - A date and time combination in YYYY-MM-DD HH:MM:SS format.

**TIMESTAMP** - A timestamp, calculated from midnight, January 1, 1970

TIME - Stores the time in HH:MM:SS format.

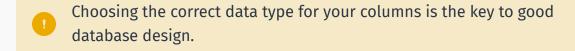
## **String Type**

**CHAR**(M) - Fixed-length character string. Size is specified in parenthesis. Max 255 bytes.

**VARCHAR**(M) - Variable-length character string. Max size is specified in parenthesis.

**BLOB** - "Binary Large Objects" and are used to store large amounts of binary data, such as images or other types of files.

**TEXT** - Large amount of text data.



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