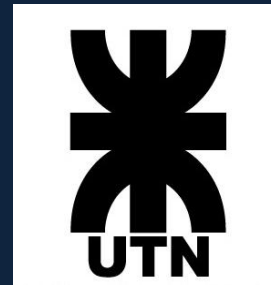


Tipos de Datos

para MySQL



Tipos Numéricos

Data Type	Storage Required
<u>TINYINT</u>	1 byte
<u>SMALLINT</u>	2 bytes
<u>MEDIUMINT</u>	3 bytes
<u>INT</u> , <u>INTEGER</u>	4 bytes
<u>BIGINT</u>	8 bytes
<u>FLOAT</u> (p)	4 bytes if $0 \leq p \leq 24$, 8 bytes if $25 \leq p \leq 53$
<u>FLOAT</u>	4 bytes
<u>DOUBLE</u> [<u>PRECISION</u>], <u>REAL</u>	8 bytes
<u>DECIMAL</u> (M , D), <u>NUMERIC</u> (M , D)	Varies; see following discussion
<u>BIT</u> (M)	approximately $(M+7)/8$ bytes

Tipos para Fecha y Hora

Data Type	Storage Required
<u>DATE</u>	3 bytes
<u>TIME</u>	3 bytes
<u>DATETIME</u>	8 bytes
<u>TIMESTAMP</u>	4 bytes
<u>YEAR</u>	1 byte

INT es un tipo de fecha y hora también!

Tipos para Strings / Binarios

Data Type	Storage Required
CHAR (M)	$M \times w$ bytes, $0 \leq M \leq 255$, where w is the number of bytes required for the maximum-length character in the character set
BINARY (M)	M bytes, $0 \leq M \leq 255$
VARCHAR (M) , VARBINARY (M)	$L + 1$ bytes if column values require 0 – 255 bytes, $L + 2$ bytes if values may require more than 255 bytes
<u>TINYBLOB, TINYTEXT</u>	$L + 1$ bytes, where $L < 2^8$
<u>BLOB, TEXT</u>	$L + 2$ bytes, where $L < 2^{16}$
<u>MEDIUMBLOB, MEDIUMTEXT</u>	$L + 3$ bytes, where $L < 2^{24}$
<u>LONGBLOB, LONGTEXT</u>	$L + 4$ bytes, where $L < 2^{32}$
ENUM('value1', 'value2', ...)	1 or 2 bytes, depending on the number of enumeration values (65,535 values maximum)
SET('value1', 'value2', ...)	1, 2, 3, 4, or 8 bytes, depending on the number of set members (64 members maximum)