

Tipos de dados dos principais bancos de dados

www.softblue.com.br

Data Type	Name	MySQL	Postgre	SQL Server	Oracle	Firebird	Intervalo (MySQL)	Bytes
Numérico	BOOLEAN	TINYINT	SIM	TINYINT	ENUM	SMALLINT	0 ou 1 (FALSE ou TRUE)	1 bit
	TINYINT	SIM	SMALLINT	SIM	NUMBER	SMALLINT	-128 à 127	1
	SMALLINT	SIM	SIM	SIM	NUMBER	SIM	-32,768 à 32,767 0 à 65,535 se UNSIGNED	2
	INT	SIM	SIM	SIM	NUMBER	SIM	-2,147,483,648 à 2,147,483,647 0 à 4,294,967,295 se UNSIGNED	4
	BIGINT	SIM	SIM	SIM	NUMBER	INT64	-9,223,372,036,854,775,808 à +9,223,372,036,854,775,807 0 à 18,446,744,073,709,551,615 se UNSIGNED	8
	FLOAT	SIM	REAL	SIM	FLOAT	SIM	-3.402823466E+38 à -1.17544351E-38 1.175494351E-38 à 3.402823466E+38 se UNSIGNED	4
	DOUBLE	SIM	DOUBLE PRECISION	DOUBLE PRECISION	FLOAT	SIM	-1.7976931348623157E+308 à -2.2250738585072014E-308, 2.2250738585072014E-308 à 1.7976931348623157E+308 se UNSIGNED	8
	NUMERIC	SIM	SIM	DECIMAL	NUMBER	SIM	Mesmo intervalo de DOUBLE	X + 2
String	CHAR	SIM	SIM	SIM	SIM	SIM		X
	VARCHAR	SIM	SIM	SIM	SIM	SIM		X + 1
Data e Hora	DATE	SIM	SIM	SIM	SIM	TIMESTAMP	"1000-01-01" – "9999-12-31" (ano, mês, dia)	3
	TIME	SIM	SIM	SIM	TIMESTAMP	TIMESTAMP	"-838:59:59" – "838:59:59" (horas, minutos, segundos)	3
	DATETIME	SIM	TIMESTAMP	SIM	TIMESTAMP	TIMESTAMP	"1000-01-01 00:00:00" - "9999-12-31 23:59:59"	8
	TIMESTAMP	SIM	SIM	SIM	SIM	SIM	19700101000000 – 2037+	4
Outros	ENUM	SIM	SIM	NÃO TEM	SIM	NÃO TEM		