

Structured query language Data Types

Data Type	Description
char (Character)	Fixed width string value. Values of this type is enclosed in single quotes. For ex. Anu's will be written as 'Anu' 's'.
varchar	Variable width character string. This is similar to char except the size of the data entry vary considerably.
dec (Decimal)	It represents a fractional number such as 15.12, 0.123 etc. Here the size argument consist of two parts : precision and scale. The precision indicates how many digits the number may have and the scale indicates the maximum number of digits to the right of the decimal point. The size (5, 2) indicates precision as 5 and scale as 2. The scale cannot exceed the precision.
numeric	It is same as decimal except that the maximum number of digits may not exceed the precision argument.
int (Integer)	It represents a number without a decimal point. Here the size argument is not used.
smallint	It is same as integer but the default size may be smaller than Integer.
float	It represents a floating point number in base 10 exponential notation and may define a precision up to a maximum of 64.
real	It is same as float, except the size argument is not used and may define a precision up to a maximum of 64.
double	Same as real except the precision may exceed 64.