**What are ten different data types MySQL provides?**

**How is each data type you described used, and what makes it unique?**

Varchar – variable length string between 0 to 65535.

Text – holds a string with a maximum length of 65,535.

Enum – a string object that can have multiple values but only one can be chosen if a value that is not in the list is entered value will not be inserted.

Int – medium size integer range is -2147483648 to 2147483647.

Double – A floating point number. The D parameter will specify how many decimal points of accuracy.

Set – A string object that can have 0 or more values chosen from a list of possible values. The maximum number of values you can have in a list is 64.

Bool / Boolean – a value of 0 for false and 1 for true.

Decimal – An exact fixed-point number. Total number of digits is specified in the size and the d parameter specifies the number of digits after the decimal point.

Date – A data type the holds a date. Format: YYYY-MM-DD.

DateTime – Same as date but also has time included. Format: YYYY-MM-DD hh:mm:ss

Sources:

<https://dev.mysql.com/doc/refman/8.0/en/data-types.html>

<https://www.w3schools.com/sql/sql_datatypes.asp>

What is your favorite thing you learned this week?

I enjoyed brushing up on how to create tables it has been a little while since I have done anything with data bases.