For this assignment we researched functions that we thought might be useful when editing and using databases.

The first function that I researched was the CONCAT\_WS() this allows you to combine data either using a separator such as space(s), numbers, punctuation, or whatever you would like as a separator.

My first SQL function example:

SELECT CONCAT\_WS(" ", "FirstName", "MiddleName", "LastName") AS FullName;

Text

Description automatically generated

My second SQL function that I researched was FORMAT(). This allows you to take data that has a lot of decimal places and formats it in a way that is readable to the user.

My example:

SELECT FORMAT(156464.456168461, 2) AS COST;

Graphical user interface, application

Description automatically generated

The third SQL function that I researched was the USER() which can be used three different ways; SESSION\_USER(), SYSTEM\_USER(), and CURRENT\_USER(). Using this function allows you to see the see the current host name and user name for the MySQL connection.

My example:

SELECT SESSION\_USER() AS User;

Graphical user interface, application, PowerPoint

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