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Module 5.2 Assignment – MySQL Functions

My goal for this assignment was to get comfortable with using the current\_date() function in MySQL. Recently I’ve been curious about how it works and what can be done with similar functions in Python specifically.

**localtime()**

This can be used whenever the current local time is needed or necessary. Things that come to mind would be due dates or deadlines. You can get the current local time and run it against a specific date and time to see how many days or how much time is left until then. I chose the column header “Local Date & Time” as it returns both of those values, in that order. Date is in the format <year-month-day> and time is in the format <hour:minute:seconds>.

A screenshot of a computer

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**subdate()**

This function can be used when you need a specific interval from a specific time. I wanted to show this by integrating the current\_date() method as the date used with the interval being “-7” which means 7 days added not subtracted. This is because subdate() will subtract the interval so added a negative value will add it instead. In the example, I wanted to see what would happen if I were to use it for something like when the week ends for classes here at Bellevue University. The column header I used was “Week from Today” as I was trying to see if I could use the current\_date() method to find the exact date a week in advance.

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**weekofyear()**

This function can be used when you need to find the current week of the year out of the 53 available in any given year. Something like this might be valuable when tasks are sorted based on the week of the year. The value returned can then be used to sort what tasks are currently the focus. For the example I once again used the current\_date() method as the date parameter to see if it would work. The column header I used was “Current Week of Year” as I was basing the current week of the current date data.

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