I think the most useful thing I’ve learned is the differences between an SQL and a NoSQL database and in what scenarios each of them are applicable.

I also learned that having previous programming, and more importantly tedious debugging experience can be very useful when learning new things and especially when getting new programming environments set up (which was probably the most challenging part of the class aside from getting myself to write the discussion board posts). I found that it really helped me have a sense of what was going on even though the error message I received was one I had never seen before. I believe I’ve also learned, over the years, how to research to identify what the problem is when I have no clue. I look for key words in stack overflow solutions that didn’t work, look up those key words, and end up finding the solution.

The final cool thing I discovered in this class is a real life example of using a binary search tree to optimize a search in a system that is used daily. I’ve learned a bit about abstract data structures over the years but haven’t seen many in action (mostly because they’re all behind the scenes). I thought it was really cool to something I had learned so much about actually being used in the real world in something like MongoDB.

In terms of what DB technology I prefer, I found that I really liked MongoDB due to how easy it was to get it connected to visual studio code. I found MySQL to be much more complicated when working with it in tandem with VSC the SQL language is generally considered easier to learn but I preferred MongDB’s NoSQL.