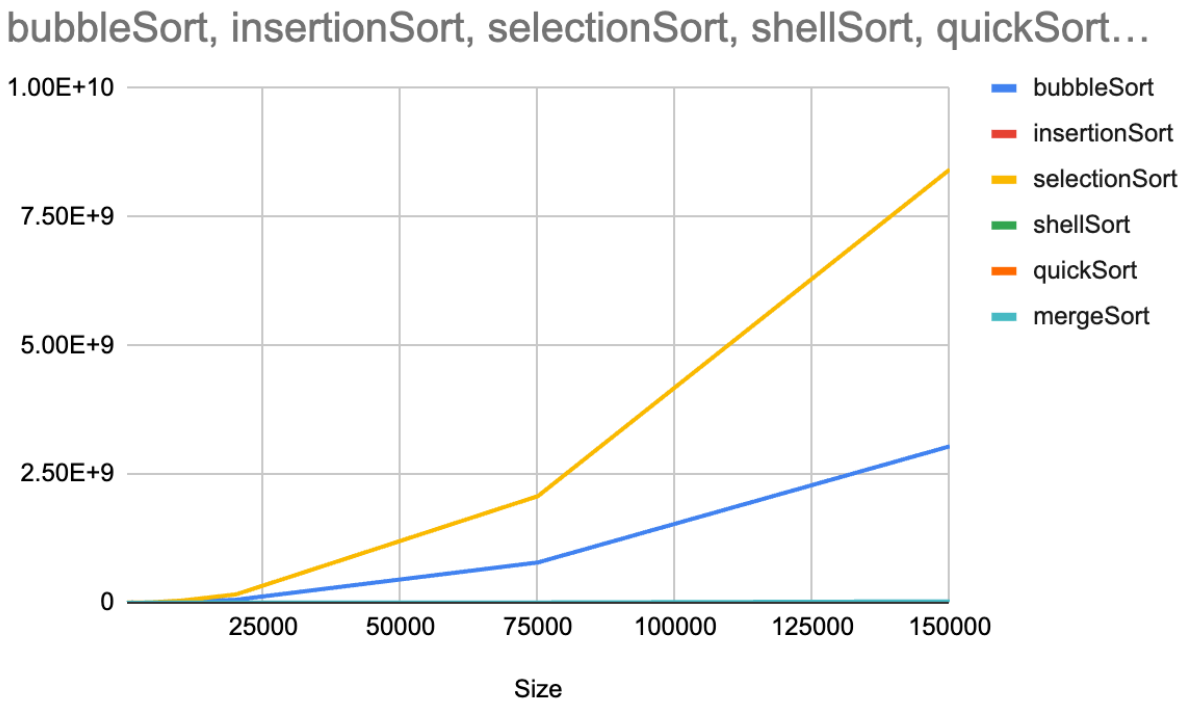

In my last explanation I think I said bubble sort always does super bad, but here it does not! I guess it does improve significantly when it is an almost sorted list which i was thinking was not the case but maybe we did say that in class. Bubble sort does always go through them because it swaps pairs even when it doesn't need to like it swaps an element with itself so it is still bad. That or the selection sort just does not improve very much/at all so it seems like bubble sort is doing really well. Insertion sort shows a huge performance boost with an almost sorted list now it is doing fabulous when it was one of the worst before. Insertion sort is where it just slides elements around so if it is already sorted it doesnt do everything like bubble sort but just does the out of order ones so that is why it is awesome here. Shell sort and quick sort are still awesome like they were before. The same issue here is i cant see those lines since the other ones are so slow. Also I did my time in nano seconds so it's in scientific notation here but yes.