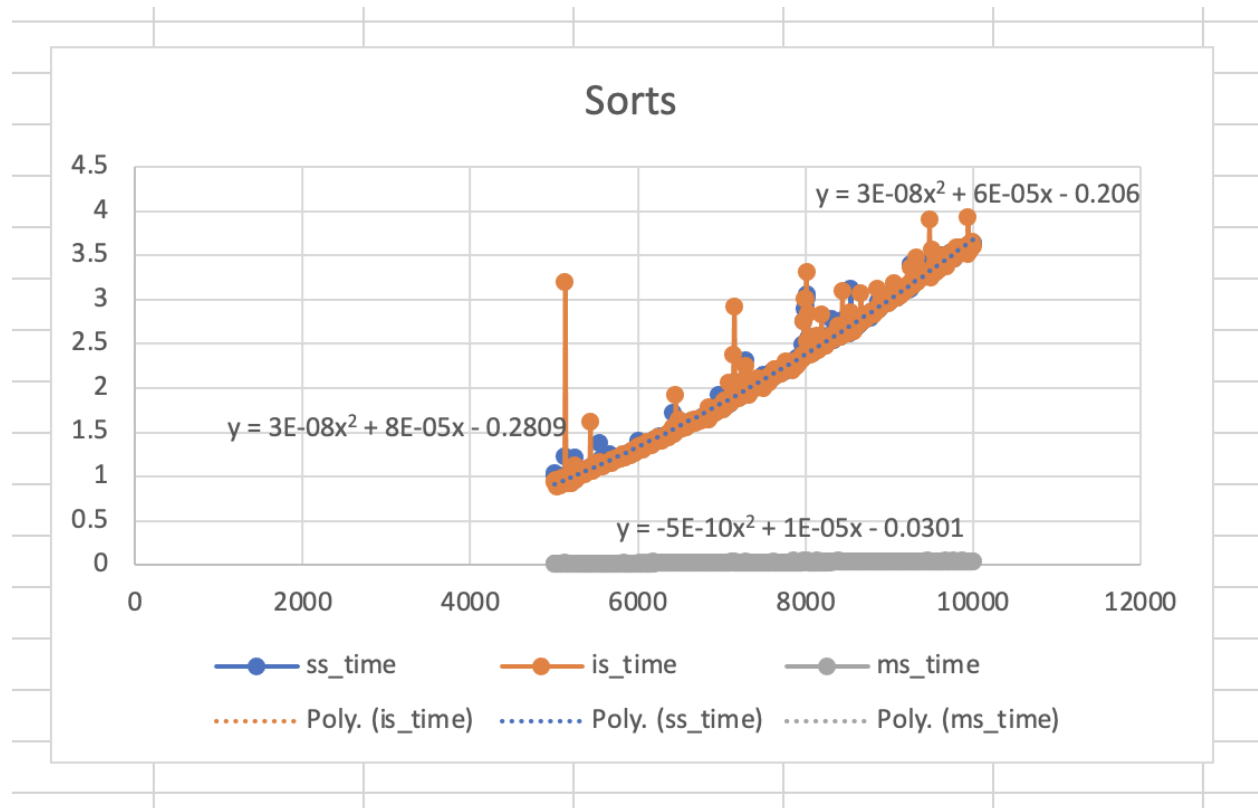


Arshia Shahrodizadh



For Selection sort to sort 1,000,000 elements it would take ~30,079 milli-seconds, or 30.08 seconds.

For Insertion sort to sort 1,000,000 elements it would take ~30,059 milli-seconds, or 30.06 seconds.

For Merge sort to sort 1,000,000 elements it would take ~509.97 milli-seconds, or .51 seconds.

We can best use the trendline to predict that Selection sort can sort 4,470,803 elements in 10 minutes.

We can best use the trendline to predict that Insertion sort can sort 4,471,136 elements in 10 minutes.

We can best use the trendline to predict that Merge sort can sort (3.4631×10^7) elements in 10 minutes.

