




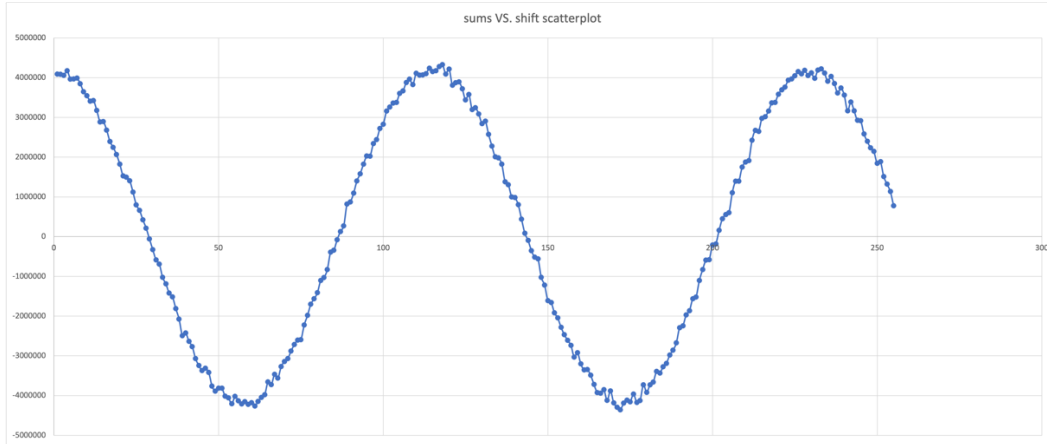
CS475

# PROJECT 7B

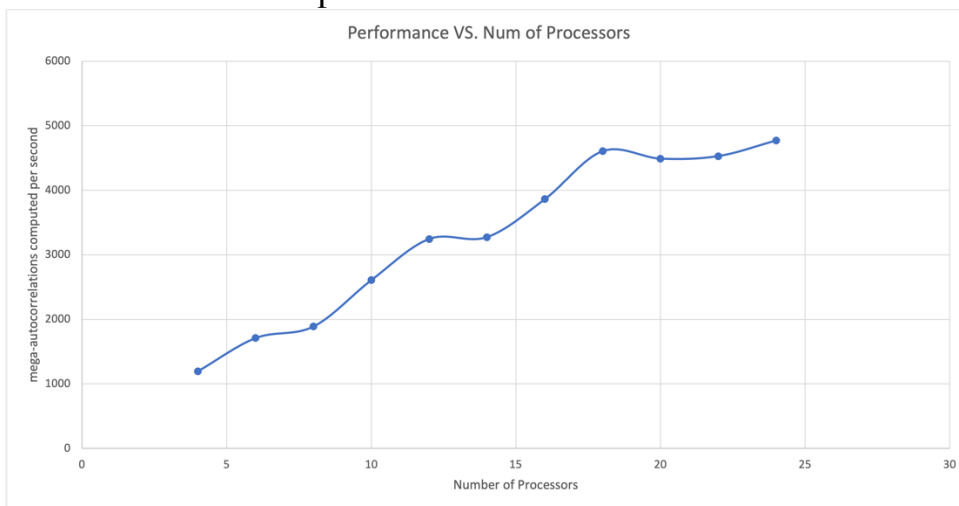
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- 1.
2. The secret sine-wave period is about 115 shifts.



- 3.
4. I have noticed that the performance increases while the number of processors is increasing, but the growth of the performance is not quite linear because there are 3 'flat' places in the graph, and I think this is something abnormal.
5. The performance overall is increasing is under my expectation because there are more and more processors are computing the same amount of data. I think when the 'flat' happens, the processors are allocating more memory for new data since the data has reached a certain amount.