

Task 3: Hypothesis Testing

February 2 2022

Project Topic	A Comparison between Merge Sort and Quicksort
General Research Focus (this contains the aim of the study)	The aim of this comparative study is to understand the comparison between the two sorting algorithms, merge sort and quicksort. At this stage in the research the comparison will be generally defined as {definition of the topic ... }
Main Research Question	Which sorting algorithm is better?
Hypothesis or Specific Research Questions	Hypothesis Quicksort will be faster due to optimized methods of sorting and comparing values Specific Research Question <ul style="list-style-type: none">• Which sorting algorithm makes the least use of comparisons?• Which sorting algorithm uses the least amount of memory?• Which sorting algorithm uses the least amount of CPU power?