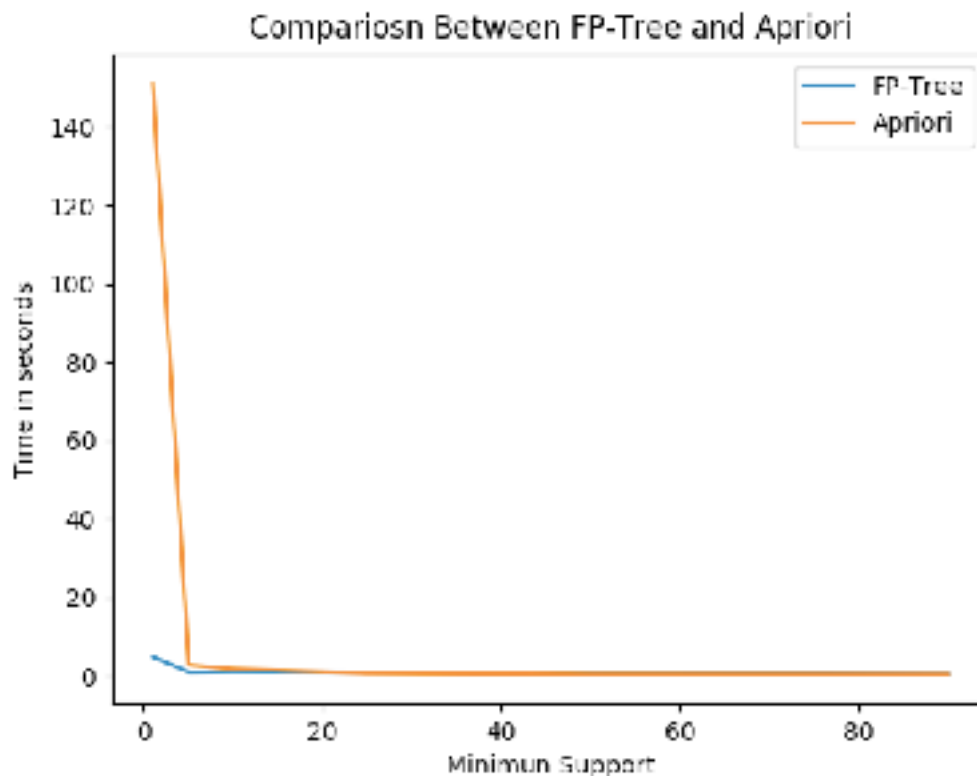


## Comparison of FP-Tree and Apriori Running time

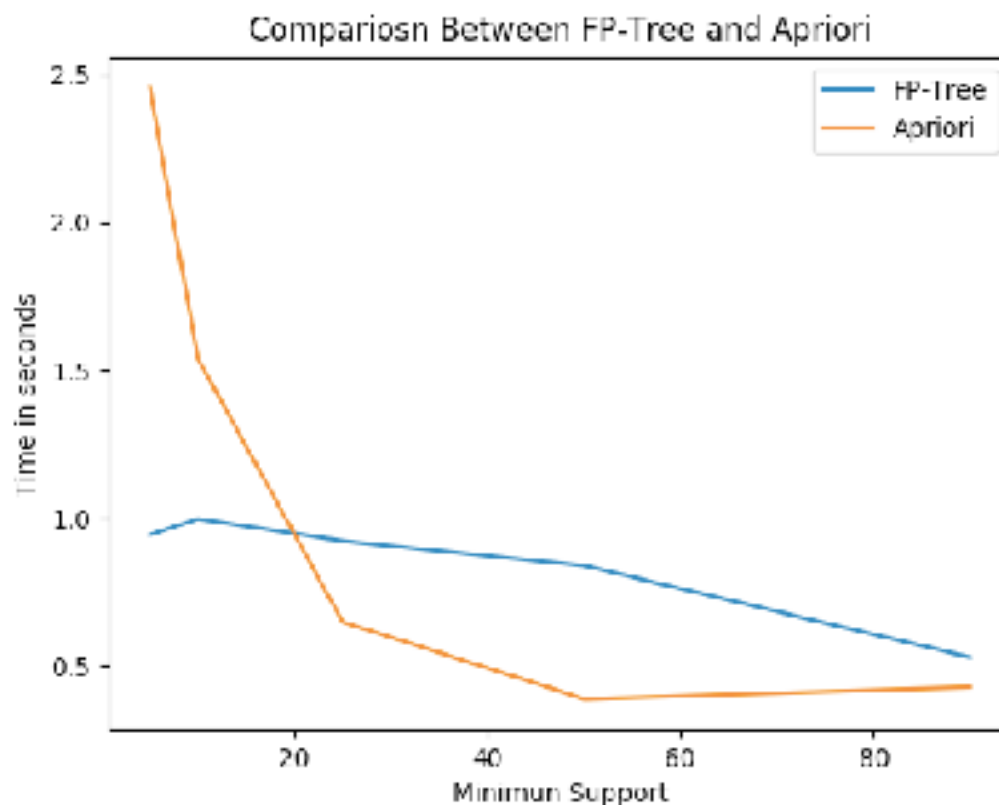
The minSup used = 1, 5, 10, 25, 50, 90.

The graph looks like:



To better understand the later past minus used=2, 10, 25, 50, 90.

The graph looks like:



From the two graphs, we see that the the running time of FP-tree is a lot better than Apriori when the minimum support is low, thus the frequent item set size is very high. But apriori gets slightly better when the minimum support is sufficiently high thus the frequent item set size is low.