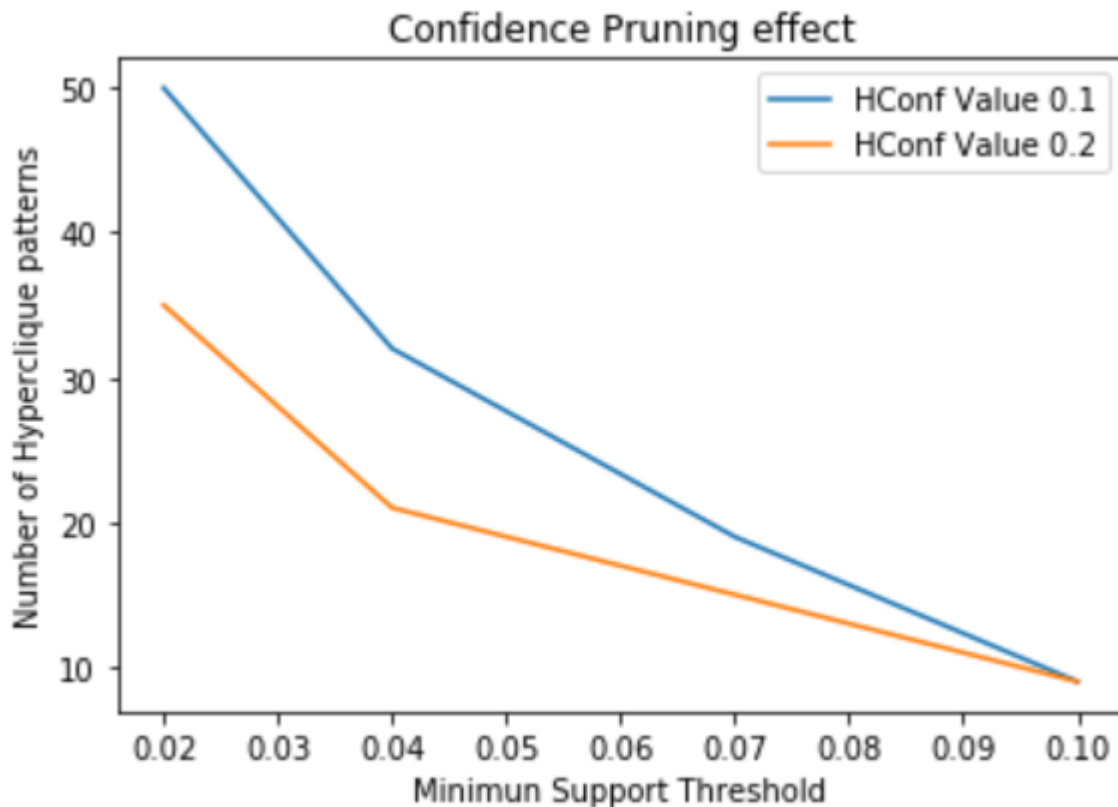**Following graphs are of computations on kosarak dataset.**

1: Confidence Pruning Effect.

Above graph is about number of items generated in different Support and different H-confidence value.

Graphs describes that as Minimum threshold support increases number of hyperclique patterns generated decreases. Here blue line shows number of hyperclique patterns on different support value with H-Confidence 0.1. And Orange line indicates that number of hyperclique patterns on different support value with H-Confidence 0.2. Here we can also see that as H-Confidence value increases number of Hyperclique patterns decreases.

2:] Execution time vs Minimum support threshold.
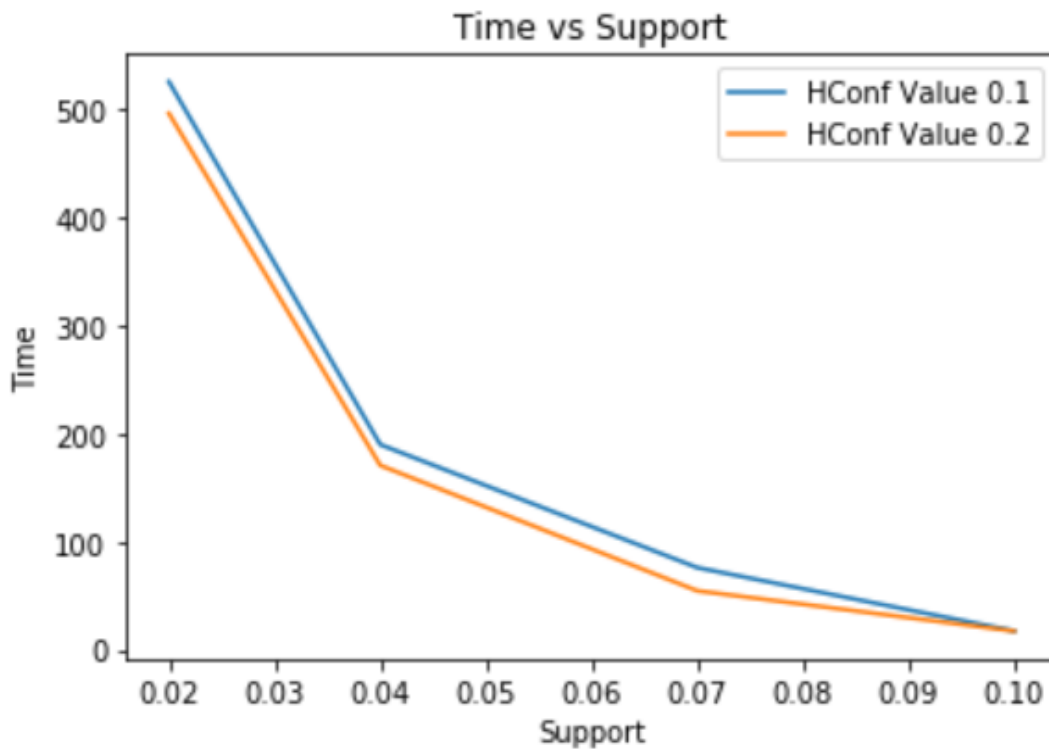
Above graph is of Time taken for the algorithm to generate Hyperclique patterns with different Support and H-confidence value.
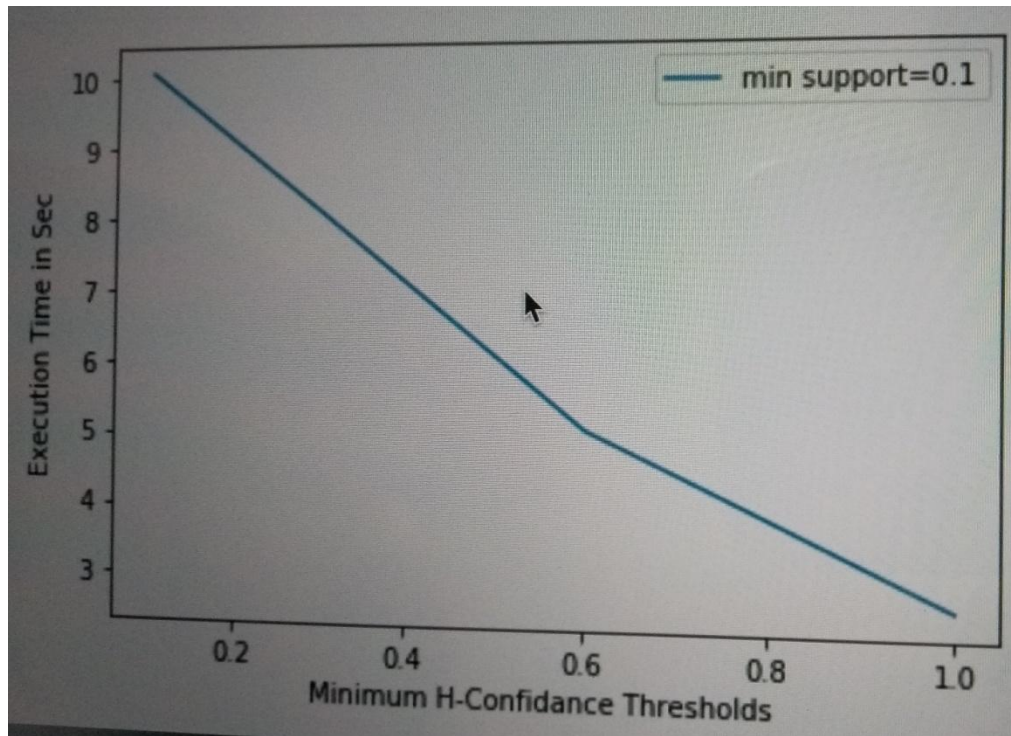
Here in this graph we can see that as support increases time required for algorithm is less and also as H-Confidence value increases time required is less.
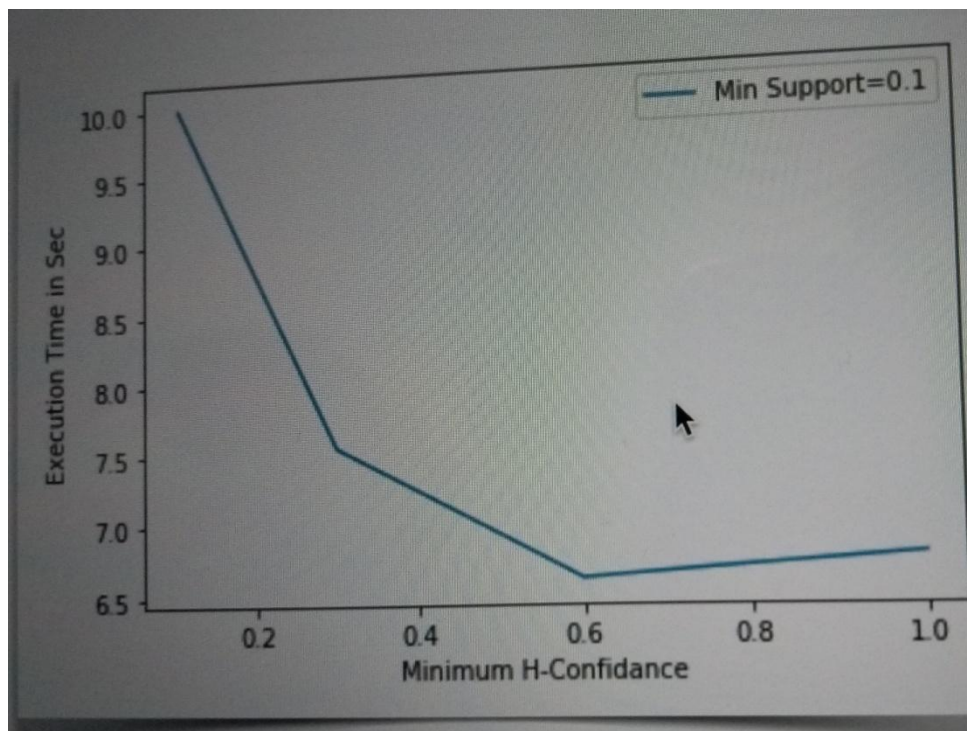
3:]Number of data records vs time taken
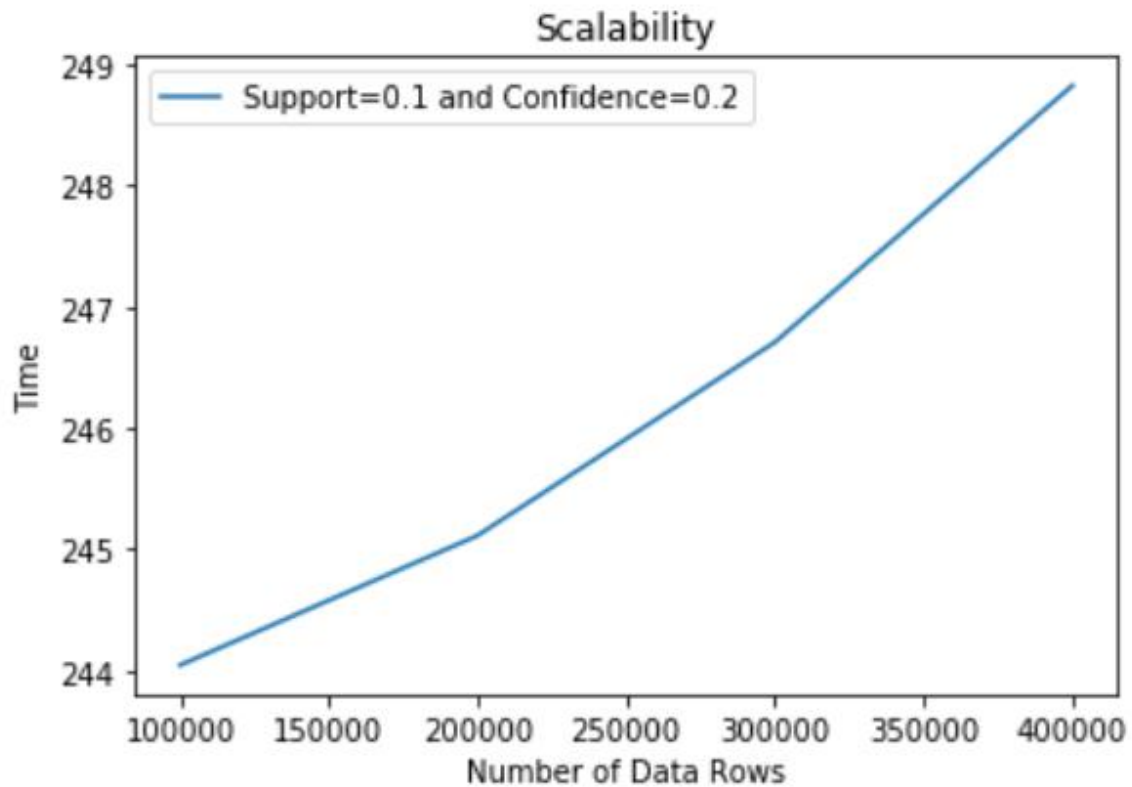
Above graph shows that as number of data records increases time required for execution also increases. Here we can see increase in time as there is increase in records.

4:[i] Without Cross support pruning(H-conf vs Execution time)

X-axis: Minimum H-Confidance Thresholds
Y-axis: Execution Time in Sec
Legend: min support=0.1

4:[ii] With Cross support pruning(H-conf vs Execution time)

X-axis: Minimum H-Confidance
Y-axis: Execution Time in Sec
Legend: Min Support=0.1

Here in above 2 graphs 4[i] and 4[ii] we can see that time taken by algo without cross support pruning is more than time taken by algo with cross support pruning. So our algorithm is optimized.