

BUC :

BUC is a bottom-up approach for computing the whole data cube, This takes the benefit of the apriori algorithm and prunes the data cube

Work Flow :

A - AB - ABC
AC

B - BC

C

Implemented the BUC in the recursive manner given in the BUC paper by Rama krishna

Paging :

Done single dimension paging :

Paged the whole data cube according to dimension wise, and stored them in different files, later applied the BUC algorithm according to each dimension and their successive cubes computation.

Below plotted are the two graphs for memory and min sup fixed



