

DATA ANALYTICS ASSIGNMENT-2

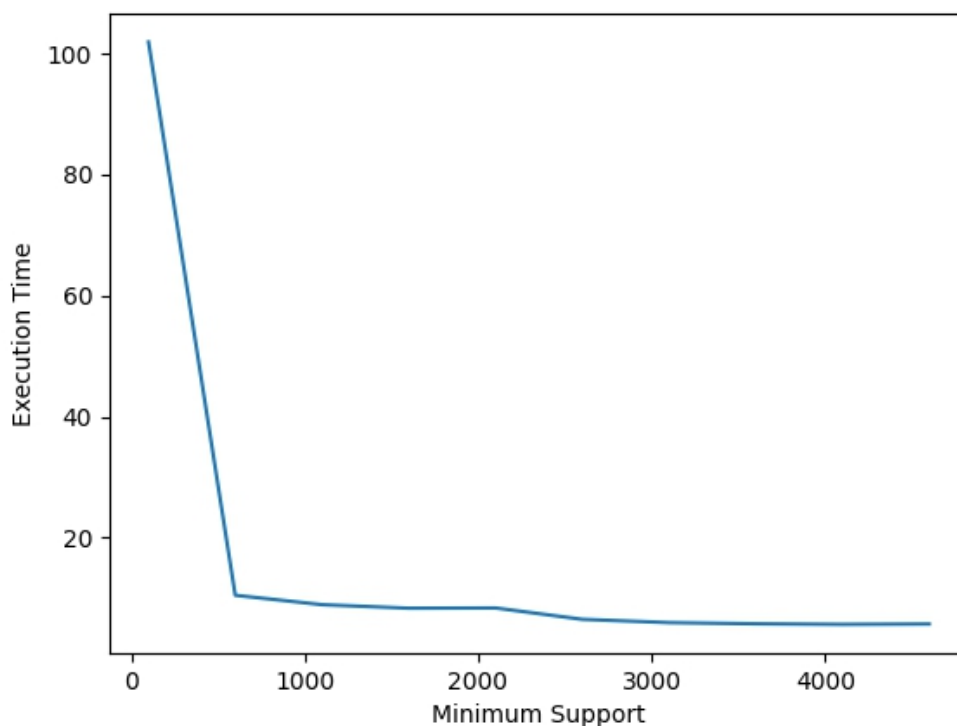
RUHUL AMEEN S - 2020102031
ABHINAV ANAND - 2020101054

QUESTION -2 (BUC IMPLEMENTATION)

A) Assumed that main memory is enough to compute the cubes.

This is implemented the normal BUC algorithm with ICEBERG cubing without any paging mechanism

The plot of execution_time vs minimum support of the BUC is given below



B) The Case where main memory is not enough.

In this Case, the same algorithm is used except for the fact that the data is paged based on the dimensions.