

Data Mining and Warehousing

Lab Assignment: 2

To be Evaluated on: 06/02/2019

Tasks to perform (in a programming language of your choice without using the inbuilt functions):

1. Implement FP Growth algorithm for the given dataset and find the frequent item set. Consider the support for this 30%.

| TID | List of Items ID's |
|-----|--------------------|
| T1 | I1, I2, I5 |
| T2 | I2, I4 |
| T3 | I2, I3 |
| T4 | I1, I2, I4 |
| T5 | I1, I3 |
| T6 | I2, I3 |
| T7 | I1, I3 |
| T8 | I1, I2, I3, I5 |
| T9 | I1, I2, I3 |

2. Show the implementation of the FP growth algorithm using the link list and adjacency matrix. Consider the same dataset.