

Indian Institute of Technology Delhi

Department of Mathematics

II semester 2016-2017

MTL 782 Data Mining

Assignment –I Weightage: 15% Due Date: 24-3-17

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1. Implement Apriori Association rule mining Algorithm to generate the frequent item sets as well as Association rules given the Minimum support and Minimum confidence.
2. Implement the FP-tree based algorithm to generate frequent item sets and derive the association rules.
3. Compare both algorithms on appropriate transaction data sets.
4. Write a report describing the detailed implementation and comparison results.