Machine Learning

Assignment 12.4

Submitted By: Ranji Raj

January 27, 2021

Apriori vs. ECLAT
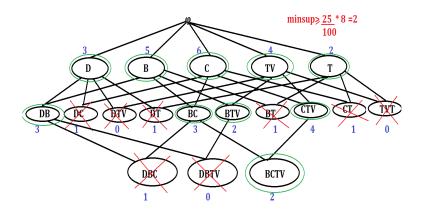

Figure 1: Itemset lattice
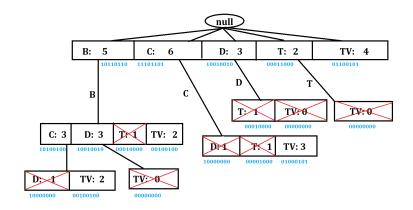

Figure 2: prefix tree

Apriori	ECLAT
Database accessed as usual	Database accessed vertically
Scans original dataset	Scans currently generated dataset
Slower than Eclat	Faster than Apriori
Requires Support, Confidence	Requires Support, bit-vector

Table 1: Apriori vs. Eclat