

 Carnegie Mellon

 Association rules - idea

 Problem definition:

 • given

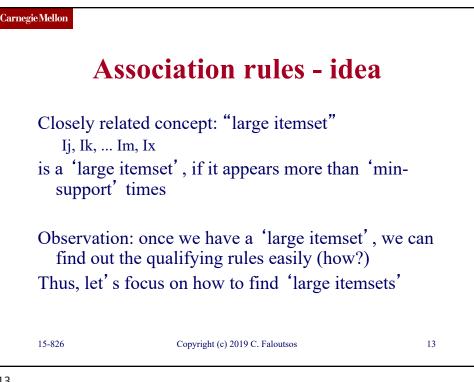
 • a set of 'market baskets' (=binary matrix, of N rows/baskets and M columns/products)

 • min-support 's' and

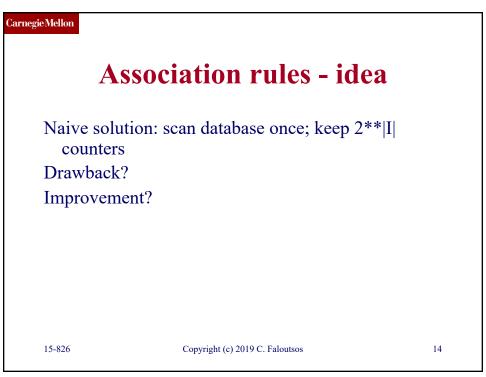
 • min-confidence 'c'

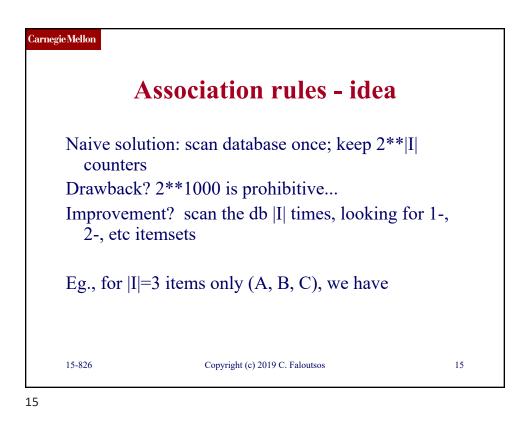
 • find

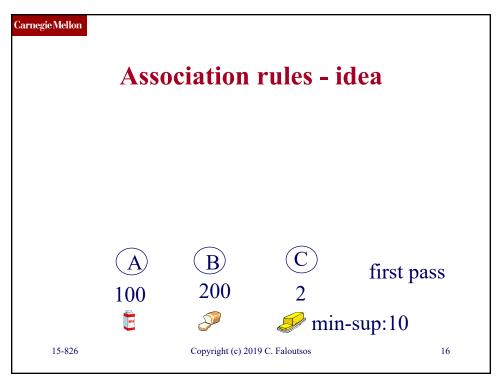
 • all the rules with higher support and confidence

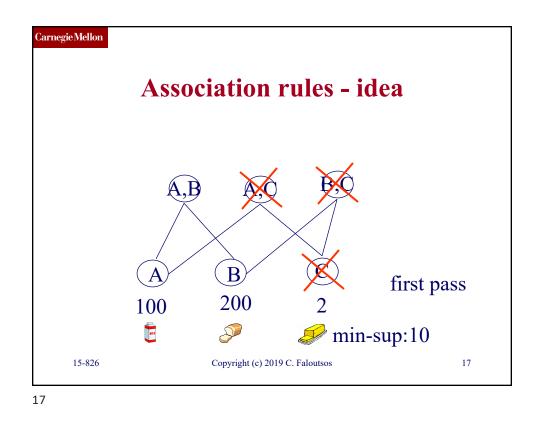


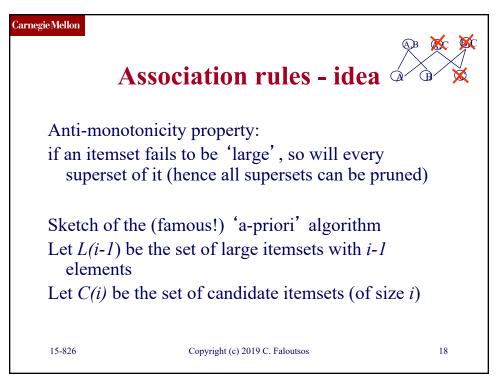
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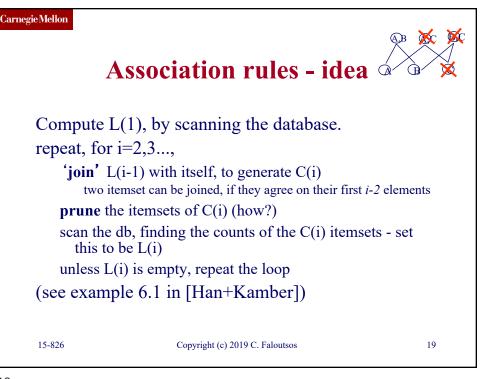




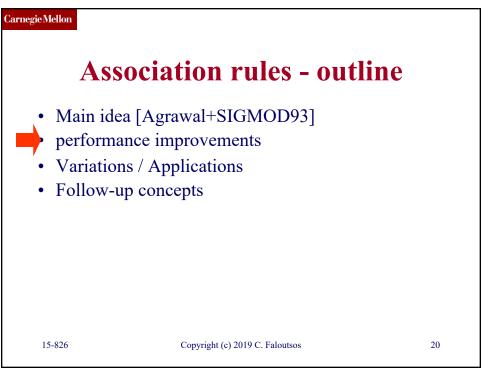


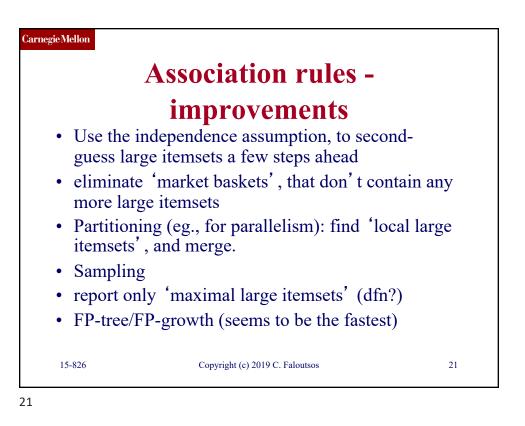


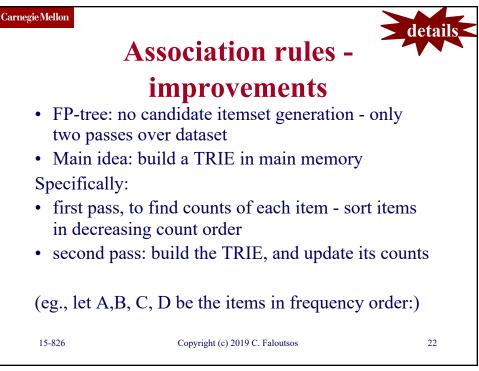


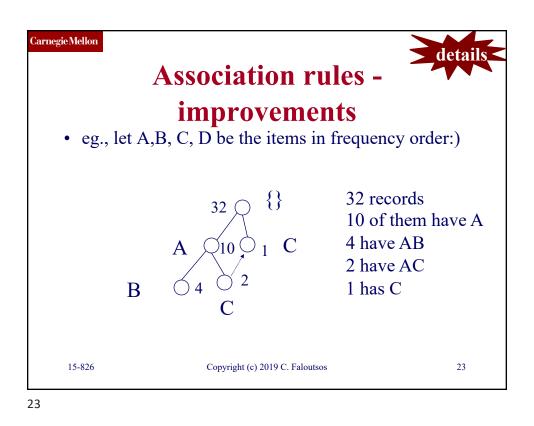


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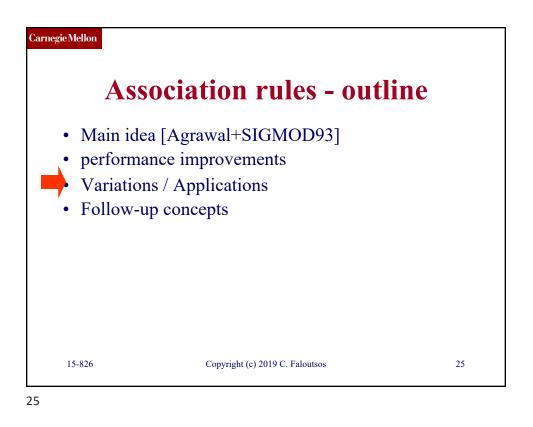


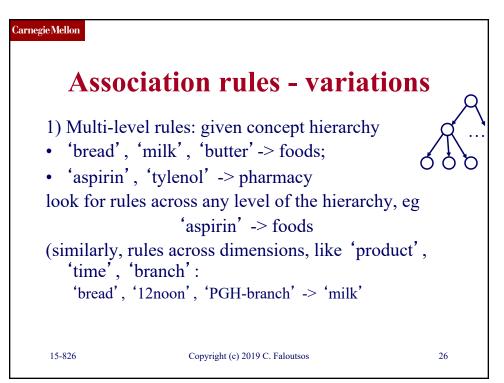


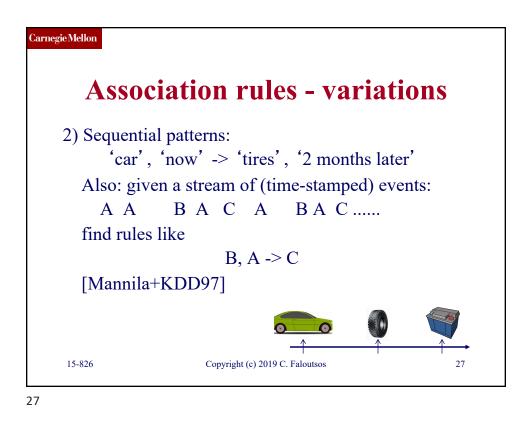


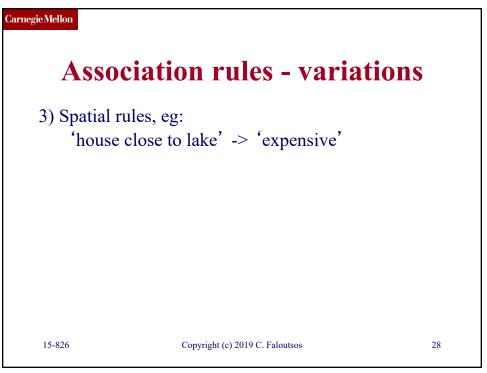


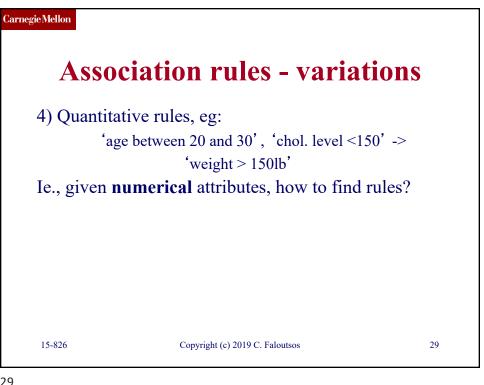
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