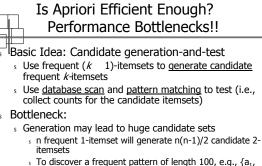
Mining Frequent Patterns Without Candidate Generation

Jiawei Han, Jian Pei and Yiwen Yin School of Computing Science Simon Fraser University

(Part of the slides are due to Jiawei Han)



- s To discover a frequent pattern of length 100, e.g., $\{a_1, a_{22}, a_{100}\}$, we need to generate $2^{100} \approx 10^{30}$ candidates.
- s Test involves multiple scans of the entire database
 - s Needs (n+1) scans, n is the length of the longest pattern

