



































- Naïve way:
 - Extend all itemsets with all possible items
- More sophisticated:
 - Join L_{k-1} with itself, adding only a single, final item
 e.g.: {1 2 3}, {1 2 4}, {1 3 4}, {1 3 5}, {2 3 4} produces
 {1 2 3 4} and {1 3 4 5}
 - Remove itemsets with an unsupported subset e.g.: {1 3 4 5} has an unsupported subset: {1 4 5} if minsup = 50%
 - Use the database to further refine C_k

Data Mining: Association Rules

22







