1. Make right nodes as baskets and left nodes as items.

For example:

{a, [1, 2, 3]}

{b, [1, 2]}

{c, [1, 2, 3]}

a, b, c are baskets and 1, 2, 3 are items.

2. If a itemset of size s appears t times (that is, in t baskets), they could form a bipartite subgraph. Use Apriori algorithm to find frequent itemsets.

Eg:

[1, 2] are a itemset of size 2 appears in 3 baskets (a, b, c).

3. Find the corresponding baskets. (There maybe more than t baskets, all of its permutation with size s can be matched with a frequent itemset to form a subgraph)