

Task 2 Results Explanation

As we can see from the results of task-2 we got the below product-id sets as frequent products with highest number of items:

('4710011401128', '4710011401135', '4710011405133', '4710011406123')
(('4710011401128', '4710011401135', '4710011405133', '4710011409056'))

One interesting analysis of these results with input data tells us that all these frequent products belong to the same product category/subclass called '120103'. People most times buy products belonging to same category like for example vegetables. We use vegetables like onions, tomatoes, chillies, potatoes in our daily food. So, whenever we go for shopping, we usually buy vegetables first. Any subset of these products are frequent as well which follows the monotonicity property of frequent itemsets.