Minh Tran – INF 553 – HW 2

The frequent itemsets (containing a set of products purchased by the same customer at a particular day) are the following two:

First itemset: ('4710011401128', '4710011401135', '4710011405133', '4710011406123')

Second itemset: ('4710011401128', '4710011401135', '4710011405133', '4710011409056')

If we cross-reference these items to the product category, the following information are extracted:

* First itemset:



* Second itemset:



Notice that all 8 items in 2 itemset belong to the same product\_subclass (120103), which means that they are likely serving a similar purpose (i.e. bathroom items or baby-related) and possibly located in the same section of the superstore. This will facilitate the shopping process for customers.