

Executive summary

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Dillard is a major retail chain with several store. The retailer is interested in rearranging floors and change planograms. On the basis of Dillard's points-of-sales(POS) data, this summary is going to make suggestions for 20 moves across the entire chain:

1. Item 888365 ,828635, 133101 should be put relatively close since there exists a recommended association rule between any two of them.
2. Item 878635, 768635, 748635 should be put relatively close since there exists a recommended association rule between any two of them.
3. Item 277865, 617865 should be put around 1117865.
4. Item 570033, 1976522 should be put around item 1440299.
5. Item 243947, 1117865 and 748635 should be put together since there exists a recommended association rule between any two of them.
6. Item 977309 should be put around 570033.
7. Item 878635 should be put around item 768635.
8. Item 615863 and 570033 should be put around item 748633.
9. Department NOB, ONEIDA and JACQUES should be arranged relatively close.

In addition, another 100 stock item candidates are recommended in file *100SKU.csv*.