

# Memo to Retail Inventory Managers

**Are you tired of stockouts on high volume items and stagnant shelves of slow movers?**

**Do you want tailored SKU service levels?**

**Do you want to balance lost gross margin against inventory carrying cost?**

**Do you want to easily accommodate quantity discounts?**

**Our approach achieves these objectives:**

- Simple, but mathematically rigorous, periodic review logic based on optimal Order-Up-To-Level (from On-Hand + On-Order)
- Covers broad spectrum of “staple” items with varying volumes and volatilities, including service parts
- Flexible review period for individual and grouped quantity discounts
- Flexible lead time to cover individual and grouped replenishments
- Optimizes individual SKU service level and turnover rate
- Trims unprofitable items from stocked assortment
- Can be implemented in R, Python, or even Excel (with Visual Basic)

**Details at [github.com/raagnew/Optimal-Retail-Inventory-Turnover](https://github.com/raagnew/Optimal-Retail-Inventory-Turnover)**

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