**Final Recommendations**

**Problem:**  
Mint Classics is considering closing one of its warehouses to reduce operational costs without harming customer satisfaction.

**Process Summary:**  
I imported the mintclassics database into MySQL Workbench and explored the relationships between products, warehouses, and orderdetails. I used SQL joins, aggregations, and grouping to analyze inventory and sales across warehouses and products.

**Key Findings:**

1. **Warehouse B**:
   * Has the **highest total stock**
   * Also has the **highest total units sold**
   * However, it also stores **some of the lowest-selling products**, which can be flagged for optimization
2. **Warehouse D**:
   * Has the **lowest inventory**
   * Contributes **minimally to total product sales**
   * This makes it the strongest candidate for **potential closure**
3. **Product Performance**:
   * Several products have **very low sales volumes**, despite having high stock
   * These should be either **discontinued** or **transferred** to more active warehouses
4. **Inventory Optimization**:
   * A **5% reduction in inventory** (tested using SQL) does not critically affect availability of best-selling items
   * Helps free up warehouse space and reduces carrying costs

**Conclusion & Suggestions:**

* ✅ **Close Warehouse D** — it adds little value in terms of inventory or sales
* ⚠️ **Audit Warehouse B** — keep it active but reduce or relocate low-selling items
* 📉 **Discontinue underperforming products** or offer **discounts** to clear them out
* 📦 **Implement a 5% reduction** in inventory for most products as a first step in cost-saving

**SQL Evidence:**

* Included scripts for:
  + Total stock by warehouse
  + Sales volume by warehouse
  + Top- and bottom-selling products
  + Quantity-in-stock with 5% reduction