

SANGRAHAK

# Depot Analysis Report

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AI-POWERED ANALYSIS

Intelligent Inventory Management System

This report contains AI-generated insights and recommendations

# Executive Summary

Abhay's Depot is operating at 174% capacity, indicating a critical need for expansion or optimization. The depot has a high number of low-stock items, with 64% of SKUs falling into this category. Overall, the depot's performance and health are compromised due to capacity constraints and inventory management issues.

## Key Metrics

Total Products

150

Total Depots

4

Total Value

Rs 6,21,65,658

Low Stock Items

46

## Performance Score

20/100

Poor

# Key Insights

- 1. The depot is severely over-capacity, with 1,740 units stored in a space designed for 1,000 units, resulting in -740 units of available space.
- 2. There have been no stock-in, stock-out, or transfer operations in the last 30 days, indicating a lack of inventory movement and potential stagnation.
- 3. The inventory health analysis reveals a significant issue with low-stock items, with 16 out of 25 SKUs (64%) falling into this category, while there are no overstock items.
- 4. The top 5 products by quantity are dominated by accessories items, with the highest value item being Accessories Item 7, worth \$29,100.

# Recommendations

- 1. Implement a short-term rental or expansion plan to increase storage capacity and alleviate the over-capacity issue.
- 2. Conduct a thorough review of inventory management processes to identify and address the root causes of low-stock items and develop strategies to optimize stock levels.
- 3. Develop and execute a plan to increase inventory turnover, including stock-in, stock-out, and transfer operations, to improve operational efficiency and reduce stagnation.
- 4. Consider implementing a just-in-time (JIT) inventory management system to minimize stock holding and maximize inventory turnover.

# Alerts

CRITICAL: Depot is operating at 174% capacity, posing a significant risk to operational efficiency and inventory management.

WARNING: High number of low-stock items (64% of total SKUs) may lead to stockouts and lost sales if not addressed promptly.

# Product Details

Product Name	SKU	Stock	Value	Status
Accessories Item 3	ACC-003	12	Rs 1,920	Low
Accessories Item 7	ACC-007	150	Rs 29,100	OK
Accessories Item 11	ACC-011	12	Rs 2,124	Low
Accessories Item 15	ACC-015	12	Rs 1,212	Low
Accessories Item 19	ACC-019	12	Rs 3,444	Low
Accessories Item 23	ACC-023	45	Rs 20,295	OK
Accessories Item 27	ACC-027	150	Rs 42,150	OK
Accessories Item 31	ACC-031	12	Rs 4,416	Low
Accessories Item 35	ACC-035	150	Rs 30,600	OK
Accessories Item 39	ACC-039	45	Rs 11,475	OK
Accessories Item 43	ACC-043	150	Rs 26,700	OK
Accessories Item 47	ACC-047	150	Rs 67,650	OK
Accessories Item 51	ACC-051	45	Rs 15,345	OK
Accessories Item 55	ACC-055	45	Rs 23,085	OK
Accessories Item 59	ACC-059	150	Rs 51,150	OK