

Capacity Analysis Report

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AI-POWERED ANALYSIS

Intelligent Inventory Management System

This report contains AI-generated insights and recommendations

Executive Summary

The current depot capacity utilization is extremely low, with Animesh at 1.4% and Terna Depot-Electronics at 0.0%. This indicates a significant opportunity for optimization and potential expansion. Immediate attention is required to improve utilization efficiency.

Key Metrics

Total Products

12

Total Depots

2

Total Value

Rs 1,35,75,000

Low Stock Items

0

Performance Score

75/100

Good

Key Insights

1. Animesh depot has a very low capacity utilization of 1.4%, indicating underutilization of resources
2. Terna Depot-Electronics has zero utilization, suggesting a potential surplus of storage space
3. Both depots have zero SKUs, implying a lack of inventory or inefficient storage management
4. There is a significant opportunity for optimization and potential expansion to improve depot capacity utilization

Recommendations

1. Conduct a thorough analysis of inventory management processes to identify areas for improvement
2. Consider consolidating inventory from other locations to optimize storage space
3. Develop a strategic plan to increase capacity utilization and reduce waste
4. Explore opportunities for expansion or relocation to better meet business needs

Alerts

Immediate attention is required to address the extremely low capacity utilization at both depots

Zero SKUs at both depots may indicate a critical issue with inventory management or storage processes

Product Details

Product Name	SKU	Stock	Value	Status
Wildcraft Backpack	BAG-001	80	Rs 2,00,000	OK
Sony WH-1000XM5	HEADPHONE-001	40	Rs 11,60,000	OK
Dell Inspiron 15	LAPTOP-001	25	Rs 11,25,000	OK
Samsung Galaxy S23	PHONE-001	50	Rs 37,50,000	OK
Formal White Shirt	SHIRT-001	200	Rs 3,00,000	OK
Casual T-Shirt	SHIRT-002	300	Rs 2,40,000	OK
Nike Air Max	SHOE-001	100	Rs 8,50,000	OK
Adidas Ultraboost	SHOE-002	75	Rs 9,00,000	OK
Iphone 17	SKU-202	22	Rs 22,00,000	OK
Nothing phone 3	SKU-438	10	Rs 3,00,000	OK
iPad Air	TABLET-001	30	Rs 16,50,000	OK
Titan Edge	WATCH-001	60	Rs 9,00,000	OK