Super Store Wastage Analysis Report

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Objective

The aim of this report is to analyze wastage across store locations and categories in a retail chain. The insights will help identify high-waste regions, categories, and trends over time—helping decisionmakers take action to minimize losses.

Key Highlights from the Dashboard

Total Stock vs Waste

- **Total Stock Quantity:** 598K units

- **Total Waste Quantity:** 303K units

- Nearly **50.6%** of the stock is wasted—a major efficiency concern.
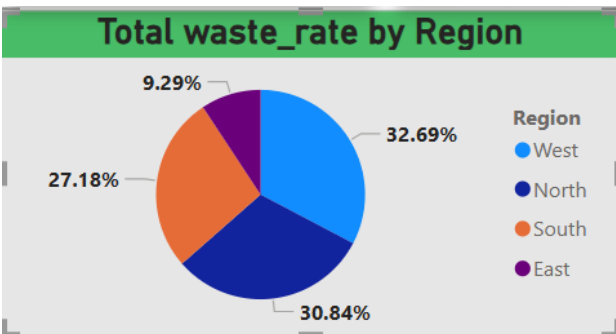
Waste Rate by Region

Region Waste Rate

West   32.69%

North 30.84%

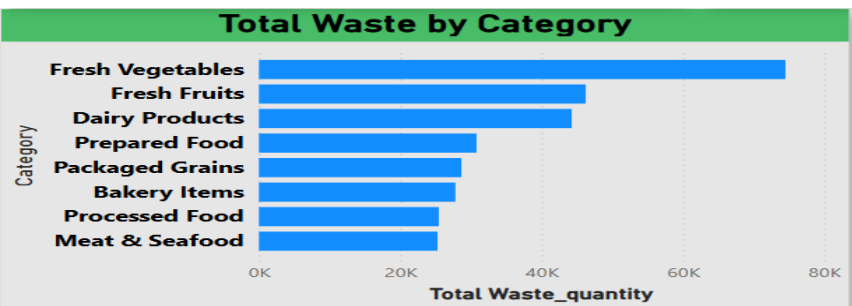**South** 27.18%

East   9.29%

Insight: The **West** and **North** regions contribute over **63%** of total waste. These areas require urgent process audits and storage improvements.

Category-Wise Waste

Top 3 categories with the most waste:

1. **Fresh Vegetables**

2. **Fresh Fruits**

3. **Dairy Products**

Recommendation: Implement stricter inventory rotation, optimize supply quantities, and enhance cold-chain logistics for perishables.

Total Waste Quantity

Year-Wise- Analysis

- In **2024** the wastage was 37K and it was huge compared to the next year.
- In **2025** the wastage was reduced i.e, 4678 because the total stock and sold quantity is minimized to 9283 and 4596

Trend Over Time

- Waste surged **sharply from Sep to Oct 2024** and remained consistently high into 2025.

- Slight dip in **Feb 2025**, then stabilizes.

Action Plan: Focus into October 2024 operations to understand the cause of the sharp rise .It rises because of **more Fresh vegetables are wasted due to rainy season expire date** normally vegetables and **Fruits don't have a long time its mostly 3-4 days**. So, the production or importing of those categories carefully means the wastage can be reduced. Monitor seasonal demand alignment more closely.

Store Locations in Focus

Included locations: Ahmedabad, Bengaluru, Chennai, Delhi, Hyderabad, Jaipur
(Further drill-down is required to assess which stores are underperforming.)

Recommendations

- **High-Waste Categories:** Reassess demand forecasting models, introduce supplier penalties for damaged stock, and educate staff on storage best practices.

- **Regional Focus:** Target North and West for loss prevention initiatives.

- **Monthly Monitoring:** Set up alerts for unexpected monthly spikes in waste.

Conclusion

This dashboard delivers clear insights into where i.e, North & West and what waste occurs across the store network is Fresh vegetables & Fresh Fruits . By focusing on high-impact areas (Fresh Veggies, North/West regions), the business can **cut costs**, **reduce environmental impact**, and **increase operational efficiency**. In the rainy Season the veggies & Fruits should import carefully.