

Executive Overview

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Demand Analysis

Inventory Optimization

Supplier & Manufacturing

Logistics & Transportation

Risk & Sustainability

Clear all Selections

Provides a quick summary of overall business performance to support leadership decisions.

₹ 577.6K

Total Revenue

5K

Total Units Ordered

5

Active Suppliers

54

Avg Lead Time (Days)

₹ 47.27

Avg Manufacturing Cost

2.28%

Avg Defect Rate



Data Set: Supply Chain Data.csv | Prepared by Vasi Charitha Data Analyst Intern

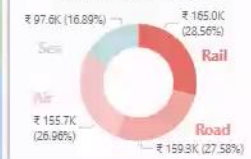
Average Delivery Time by Supply Chain Stage (Days)

"Supplier Stage Contributes the Highest Lead Time in the Supply Chain."

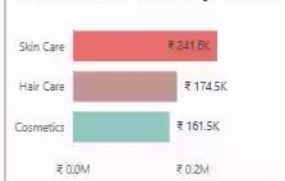


Revenue by Transport Mode

"Balanced revenue: Sea lower."



Revenue Contribution by Product



NOTE: All figures are estimates and may vary. | SKU: Stock Keeping Unit

Demand & Forecast Analysis

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This page focuses on SKU-level demand and stock.

5K

Total orders



1.64K

Avg Demand Per Product



49.22

Avg Units per SKU



Stock Availability and Demand Forecast by SKU

Demand exceeds inventory, requiring proactive replenishment.



Top 10 High Demand SKUs

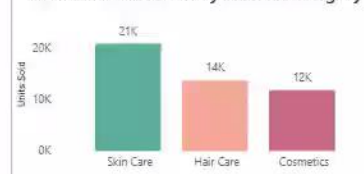
Demand is Highest in the Skin Care Segment.

SKU	Cosmetics	Hair Care	Skin Care
SKU10			2.16%
SKU94	2.14%		
SKU9			2.13%
SKU36			2.09%
SKU37			2.09%
SKU11			2.08%
SKU78		2.05%	
SKU44			2.02%
SKU91	1.99%		
Total	6.12%	2.05%	12.57%

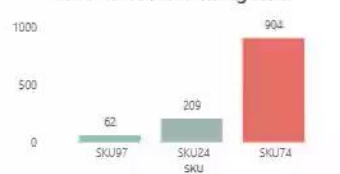
Total Ordered Quantity by Product Type



Demand Distribution by Product Category



Selected Low-Performing SKUs



Data Set: Supply Chain Data.csv | Prepared by Vasi Charitha Data Analyst Intern

NOTE: No time series data available. Line chart used only for comparison. | Inventory risk flagged when available stock is less than 20% of total demand for that SKU.

Inventory Optimization

This page evaluates stock health and risk exposure.

5K

Total Active SKUs

9.65

SKU Turnover Ratio

1

Excess SKUs

89

Understocked SKUs

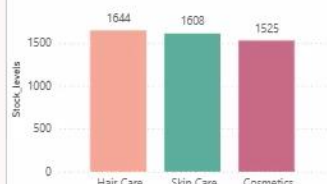
1

Out-of-Stock SKUs

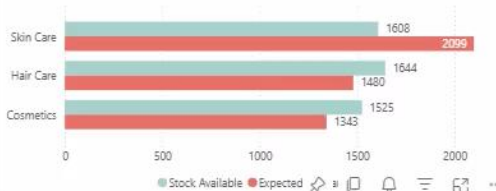
SKU-Wise Inventory Status

SKU	Inventory Level	Inventory Status
SKU68	0	Out of Stock
SKU2	1	Low Stock
SKU34	1	Low Stock
SKU16	2	Low Stock
SKU24	4	Low Stock
SKU33	4	Low Stock
SKU47	4	Low Stock
SKU4	5	Low Stock
SKU57	5	Low Stock
SKU78	5	Low Stock
SKU8	5	Low Stock
SKU87	5	Low Stock
SKU31	6	Low Stock
SKU15	9	Low Stock
SKU18	10	Low Stock
SKU58	10	Low Stock
SKU70	10	Low Stock
SKU6	11	Low Stock
SKU67	12	Low Stock
SKU44	13	Low Stock
Total	4777	

Inventory by Product Type

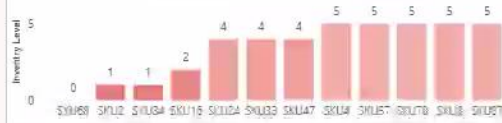


Inventory vs Demand by Product Type

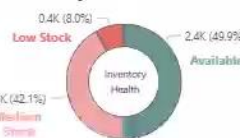


Top 10 Stock-Out Risk SKUs

"High Stock-Out Risk Across Key SKUs. Need immediate Attention"



Inventory Status Distribution



Path: Sales > Supply > Inventory > Inventory Optimization > Inventory Optimization Dashboard

NOTE: Inventory data is updated every 24 hours. Last updated: 2024-10-27 10:30:00 AM IST.

-Supplier & Manufacturing Page

Supplier & Manufacturing Analysis

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Clear all Selections

This page analyzes supplier performance, manufacturing cost, lead time, and quality to improve operational efficiency.

₹ 4.73K

Total Manufacturing Cost

14.77

Average Lead Time (Days)

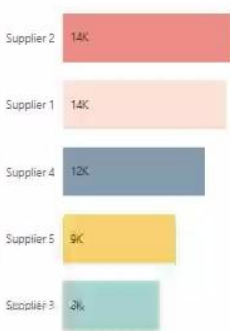
57K

Production (Units)

2.28%

Average Defect Rate

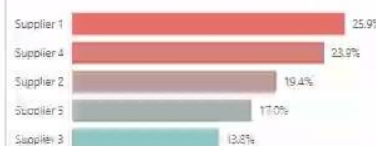
Production Volume by Supplier



Average Manufacturing Lead Time (Days) by Supplier



Total Manufacturing Cost by Supplier



Supplier Performance & Quality Assessment

"Supplier Quality Risk Identified Across Multiple Vendors."

Supplier Name	Manufacturing Cost	Defect Rate%	Quality Inspection Result
Supplier 4	₹ 811.15	31.40	Fail
Supplier 1	₹ 575.11	25.33	Pass
Supplier 5	₹ 381.30	12.76	Pending
Supplier 2	₹ 378.46	21.42	Pending
Supplier 3	₹ 368.44	25.55	Pending
Supplier 1	₹ 339.25	17.93	Pending
Supplier 4	₹ 317.63	10.67	Pending
Supplier 2	₹ 310.91	21.55	Fail
Supplier 1	₹ 307.50	5.44	Fail
Supplier 5	₹ 280.04	25.83	Fail
Supplier 2	₹ 226.33	9.01	Pass
Supplier 3	₹ 170.71	8.27	Fail
Total	₹ 4,726.67	227.72	

Path: Sales > Supply > Supply & Manufacturing > Supplier & Manufacturing Analysis

NOTE: Supplier performance data is updated weekly. Last updated: 2024-10-27 10:30:00 AM IST.

Logistics & Transportation

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Risk & Sustainability

Clear all Selections

This page evaluates logistics cost, delivery performance, carrier efficiency, and transportation distribution to improve supply chain operations.

₹ 554.81
Total Shipping Cost



5.8
Avg Shipping Time (Days)



52.92K
Total Transportation Cost



₹ 5.55
Cost per Transportation



Carrier Performance: Shipping Cost vs Delivery Time

Quadrant analysis to identify efficient and inefficient carriers



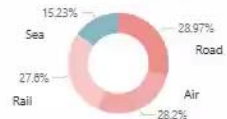
Shipping Cost Contribution by Carrier

"Heavily Concentrated For Carrier B"



Transportation mode distribution

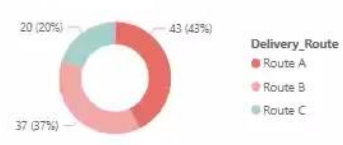
"Road, Air, and Rail have similar shares; Sea is the lowest."



Shipping Time (Days) by Carrier



Transportation routes frequency



Data Set: Supply Chain Data.csv | Prepared by Varri Charitha Data Analyst Intern

NOTE: No time dimension available. Line chart used only for comparison.

Risk & Sustainability Analysis

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Risk & Sustainability

Clear all Selections

This page analyzes supplier and SKU-level risks to identify vulnerabilities and improve supply chain resilience.

47
High Risk SKUs



54
High Lead Time SKUs



46
High Defect SKUs

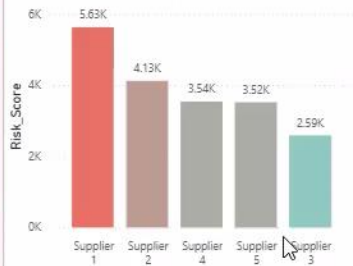


33
Low Inventory SKUs



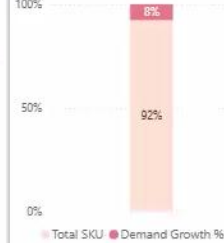
Overall Supply Chain Risk Score by Supplier

"Supplier 1 Contributes the Highest Overall Risk."



Total SKU and Demand Growth %

Demand growth outpaces SKU growth.



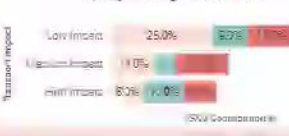
SKU-Level Supply Chain Risk Summary

"High Risk Dominates Across Most SKUs"

SKU	Cost	Defect	Delay	Overall Risk
SKU0	High	Low	High	High
SKU1	High	High	High	High
SKU10	High	Low	High	High
SKU11	High	Low	High	High
SKU12	High	Low	High	High
SKU13	High	Low	High	High
SKU14	High	Low	High	High
SKU15	High	Low	Low	Medium
SKU16	High	Low	High	High
SKU17	High	Low	High	High
SKU18	High	Low	High	High
SKU19	High	High	High	High
SKU2	High	High	High	High
SKU20	High	High	High	High
SKU21	High	Low	High	High
SKU22	High	High	High	High
SKU23	High	Low	High	High

Supplier Risk Score Comparison

Quality Average Good Poor



Product Count by Supply Chain Risk

Over 90% of SKUs fall under high risk, requiring prioritization.



Data Set: Supply Chain Data.csv | Prepared by Varri Charitha Data Analyst Intern

NOTE: No time dimension available. Line chart used only for comparison.