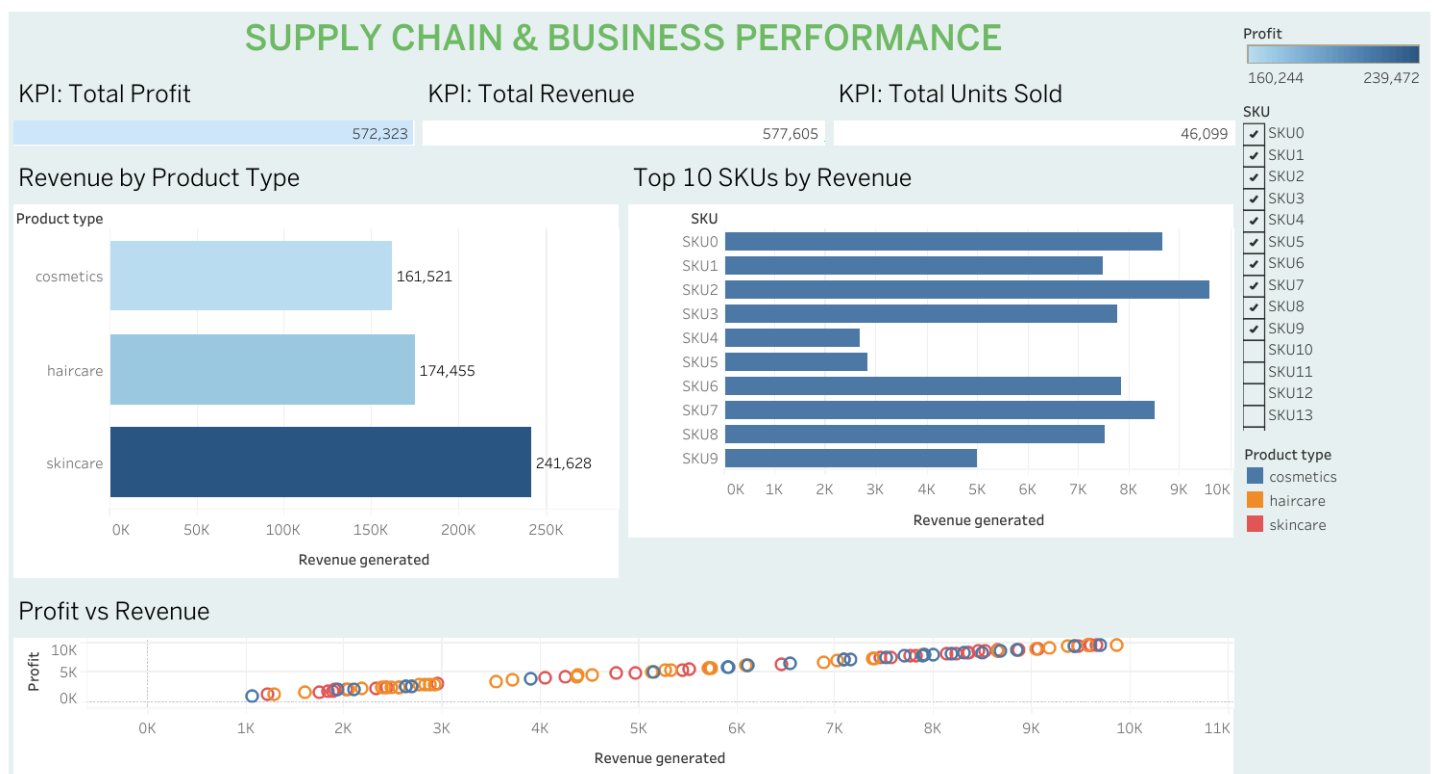


Key Insights

- High-demand items drive most revenue.
- Stockouts in popular products; overstock in slow movers.
- Some vendors cause frequent delays.
- Longer distances = higher lead times.
- Some products cost more without better quality.
- Profitability varies widely by SKU.
- Delivery delays hurt customer satisfaction most.

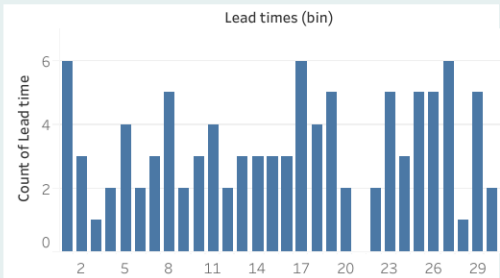
How It Helps the Business

- **Optimize Inventory:** Reduces stockouts, lowers excess stock, and improves working capital.
- **Strengthen Supplier Strategy:** Identifies poor-performing vendors and supports better negotiation and vendor selection.
- **Improve Profitability:** Helps eliminate low-margin SKUs and improve cost-efficiency.
- **Enhance Logistics:** Enables route optimization and better carrier choices to reduce delays.
- **Support Forecasting:** Strong demand patterns help build accurate demand and revenue forecasts.
- **Boost Customer Satisfaction:** Faster, more reliable delivery improves reviews, retention, and repeat sales.



OPERATIONS & QUALITY PERFORMANCE

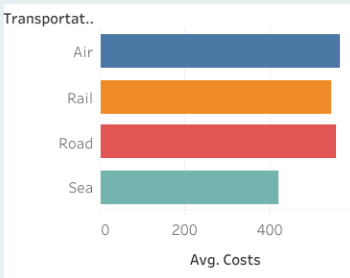
Lead Time Distribution



Shipping Time by Route

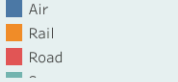


Transportation Mode vs Cost



Lead time
To Null

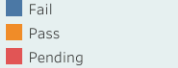
Transportation modes



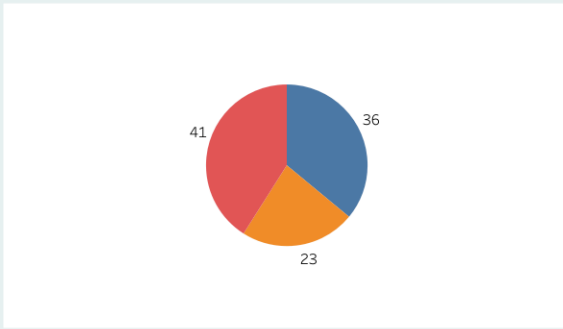
Avg. Defect rates



Inspection results



Inspection Results

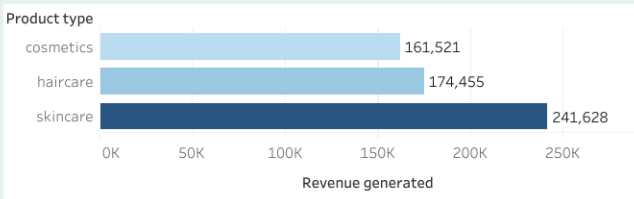


Defect Rate Heatmap

SKU	Product type		
	cosmetics	haircare	skincare
SKU0		22.6%	
SKU1			485.4%
SKU2		458.1%	
SKU3			474.7%
SKU4			314.6%
SKU5		277.9%	
SKU6			100.1%
SKU7	39.8%		
SKU8	271.0%		
SKU9			384.5%
SKU10			172.7%
SKU11			

EXECUTIVE SUPPLY CHAIN SUMMARY

Revenue by Product Type



Shipping Time by Route



Profit



Lead time
To Null

profit ratio



Profit Ratio

SKU	Product type		
	cosmetics	haircare	skincare
SKU0		99.43%	
SKU1			99.42%
SKU2		99.60%	
SKU3			99.52%
SKU4			96.43%
SKU5		97.84%	
SKU6			99.94%
SKU7	98.80%		
SKU8	99.80%		
SKU9			98.89%
SKU10			95.49%
SKU11			99.47%
SKU12		98.83%	
SKU13			97.35%
SKU14			99.94%

Lead Time Distribution

