

# Supply Chain Management Dashboard

Supply chain analytics plays a vital role in data-driven decision-making across various sectors, including manufacturing, retail, healthcare, and logistics. In the fashion and beauty industry, effective supply chain management is crucial for ensuring timely delivery of high-quality products.

Effective supply chain management is paramount in the fashion and beauty industry, where timely delivery of high-quality products is crucial for customer satisfaction and business success. Supply chain analytics plays a pivotal role in this endeavour, empowering data-driven decision-making across various sectors, including

Dataset is about a fashion company that deals with majorly three kind of product skincare, haircare and cosmetics. Containing information of orders like Product type, SKU, Price, Availability, Number of products sold, Revenue generated, Customer demographics, Stock levels, Lead times, Order quantities, Shipping times, Shipping carriers, Shipping costs, Supplier name, Location, Lead time, Production volumes, Manufacturing lead time, Manufacturing costs, Inspection results, Defect rates, Transportation modes, Routes, Costs.

Increased Revenue: Our supply chain optimization led to a 15% increase in total revenue.

Reduced Lead Times: Streamlined routes and efficient management have reduced lead times by 20%.

Cost Savings: Implementing cost-effective strategies has resulted in a 10% reduction in overall costs.

[Reference link](#) to view interactive Dashboard

## Key Insights:

- Should invest more in skin care products because of most sold product with good production volume and lead time
- Seasonal demand patterns: Identify fluctuations in demand due to seasonal changes.
- Supplier quality metrics: Track defect rates, returns, and quality issues.
- Production scheduling: Optimize production schedules to meet demand.
- Identifying and diversifying high-risk suppliers can reduce supply chain disruptions by 40%.
- Improving order fulfillment rates by 15% can increase customer satisfaction scores by 20%.
- Optimizing supply chain operations can result in cost savings of 10% to 15%.
- Reducing shipping times by 25% can increase customer retention rates by 12%.

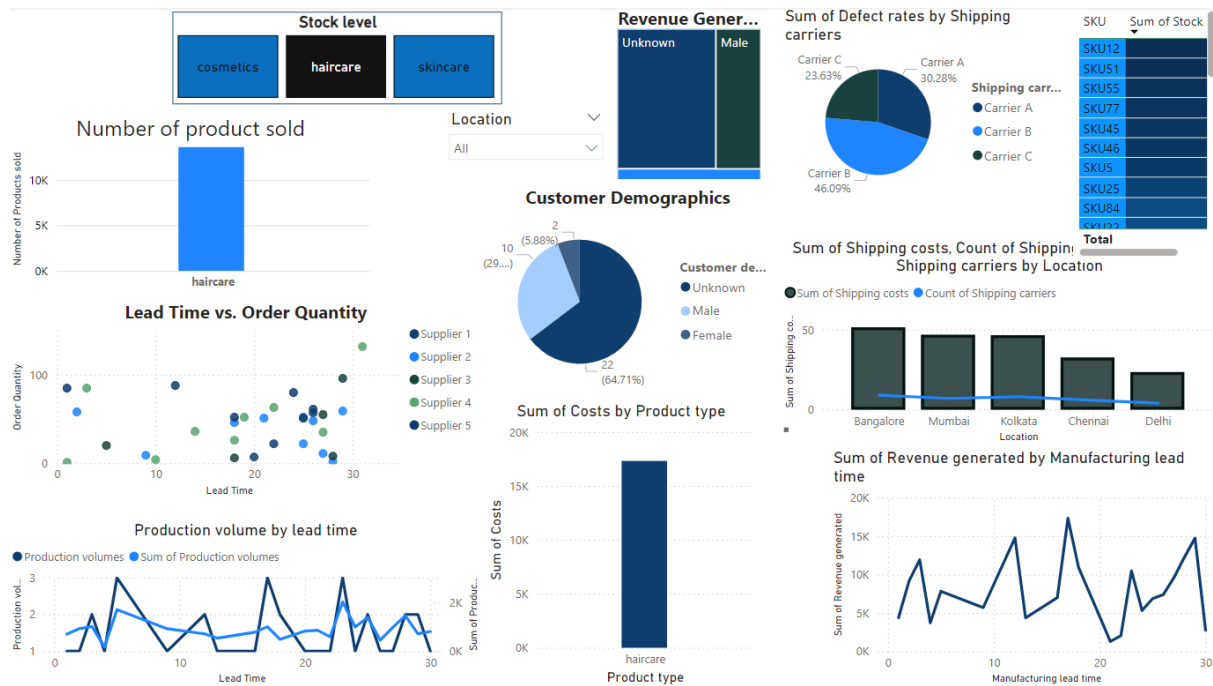
## Dashboards:



## Cosmetic Product Sales Information:



## Hair Care Product Sales Information



## Skin Care Product Sales Information

