Supply Chain Data Analysis

# Objectives:

* What is the most product has highest cost?
* What is the percentages of product type by gender?
* What is the transportation mode that has a high shipping cost?
* **What are the average defect rates per supplier, and how do they compare across products?**
* **How do changes in manufacturing lead time affect overall supply chain performance?**
* What is the highest revenue gain by gender?
* Which products are more prone to defects?
* Which routes are the most efficient?
* How can we optimize production volumes to minimize costs?
* How do order quantities affect stock levels and costs?

1. Inventory Management & Availability:  
2. Lead Time & Shipping:  
3. Supplier Management:  
4. Manufacturing & Production:  
5. Quality Control:  
6. Transportation & Logistics: