

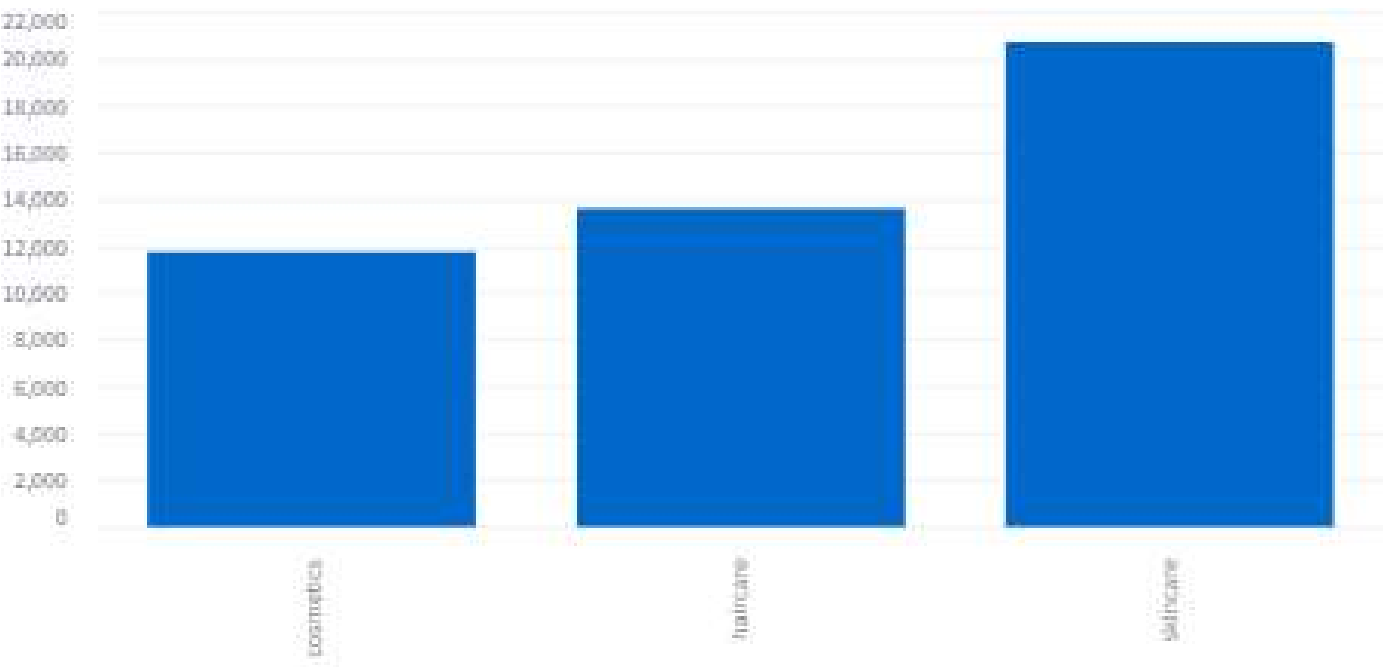
Supply Chain Management Dashboard

Key Performance Indicators (KPIs)

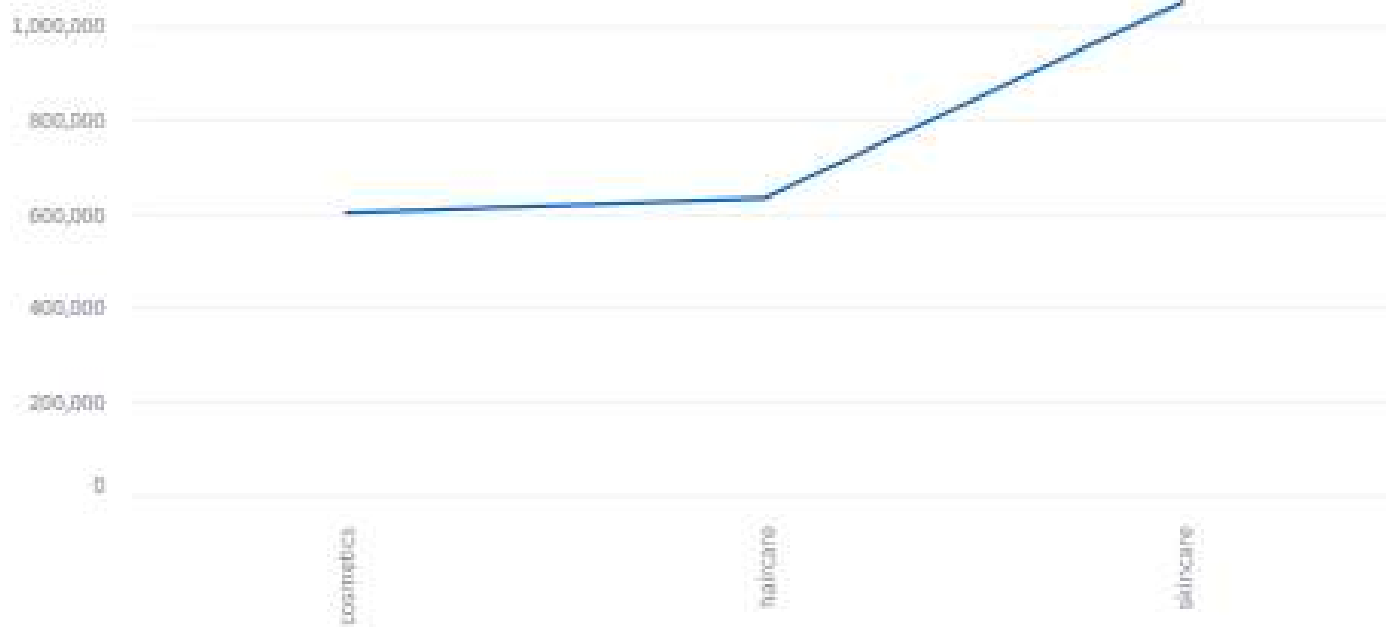
Total Revenue Generated	Total Order Quantity	Total Availability
\$2,285,549.96	4,922	4,840

Product Performance

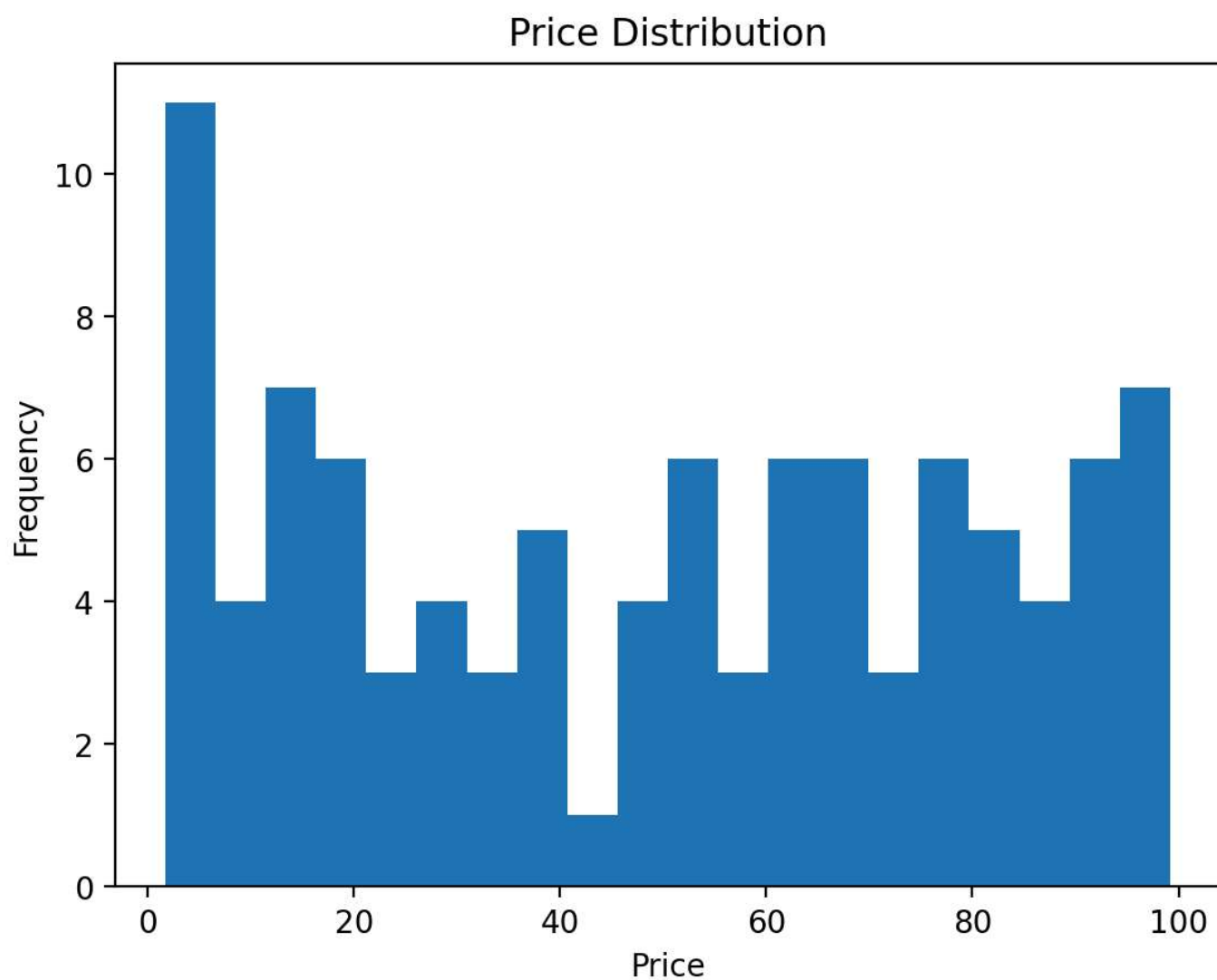
Product Sales



Revenue Analysis

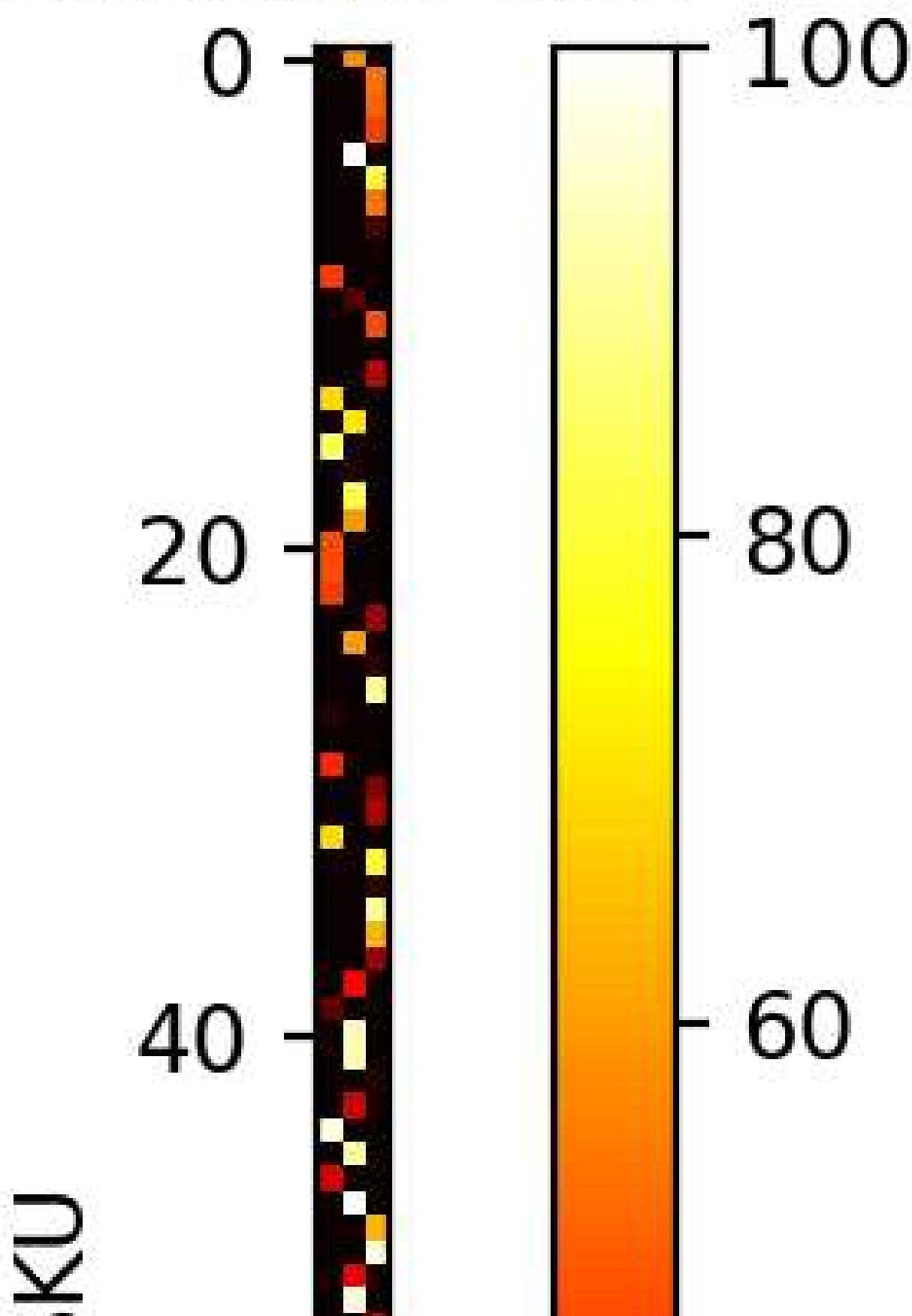


Price Distribution



Stock Levels

Stock Levels



S

60

80

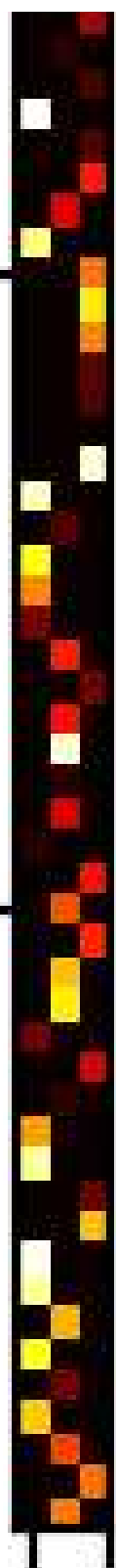
0.25

Product

40

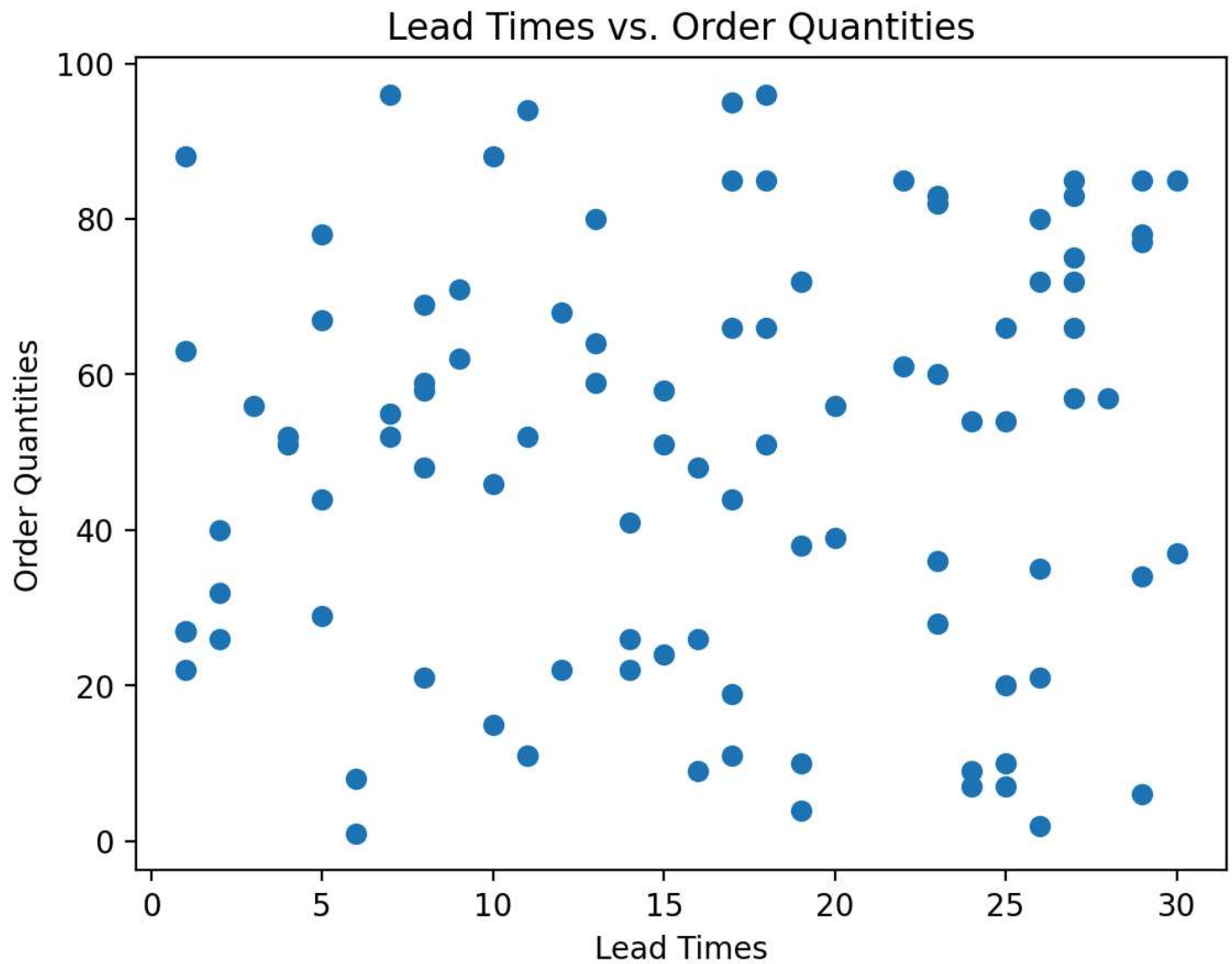
20

0

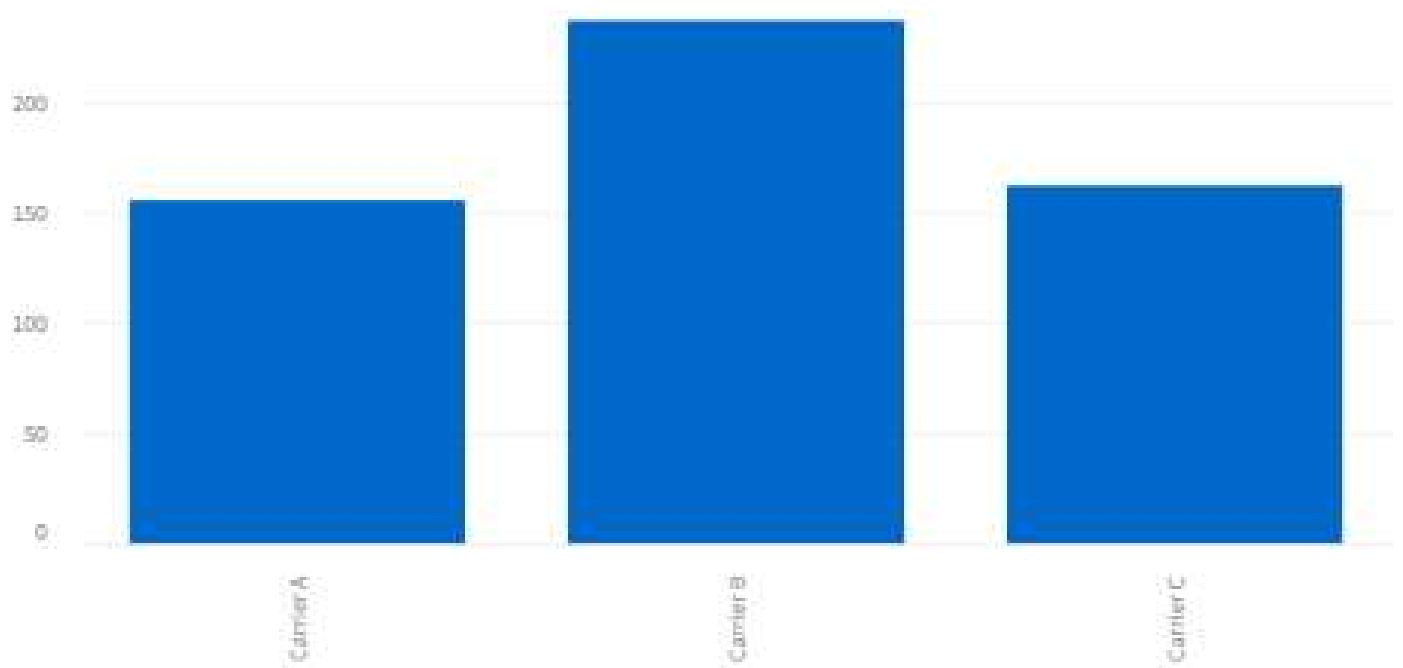


Supply Chain Efficiency

Lead Times vs. Order Quantities



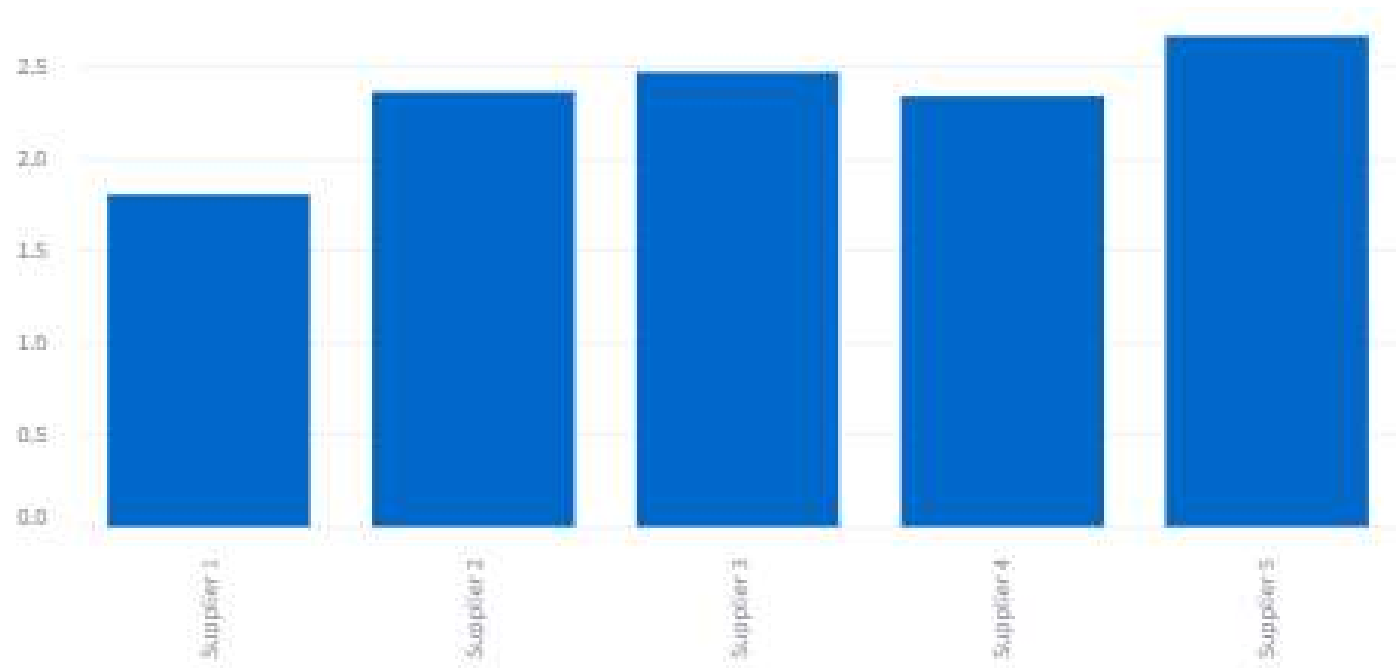
Shipping Costs by Carrier



Manufacturing Efficiency



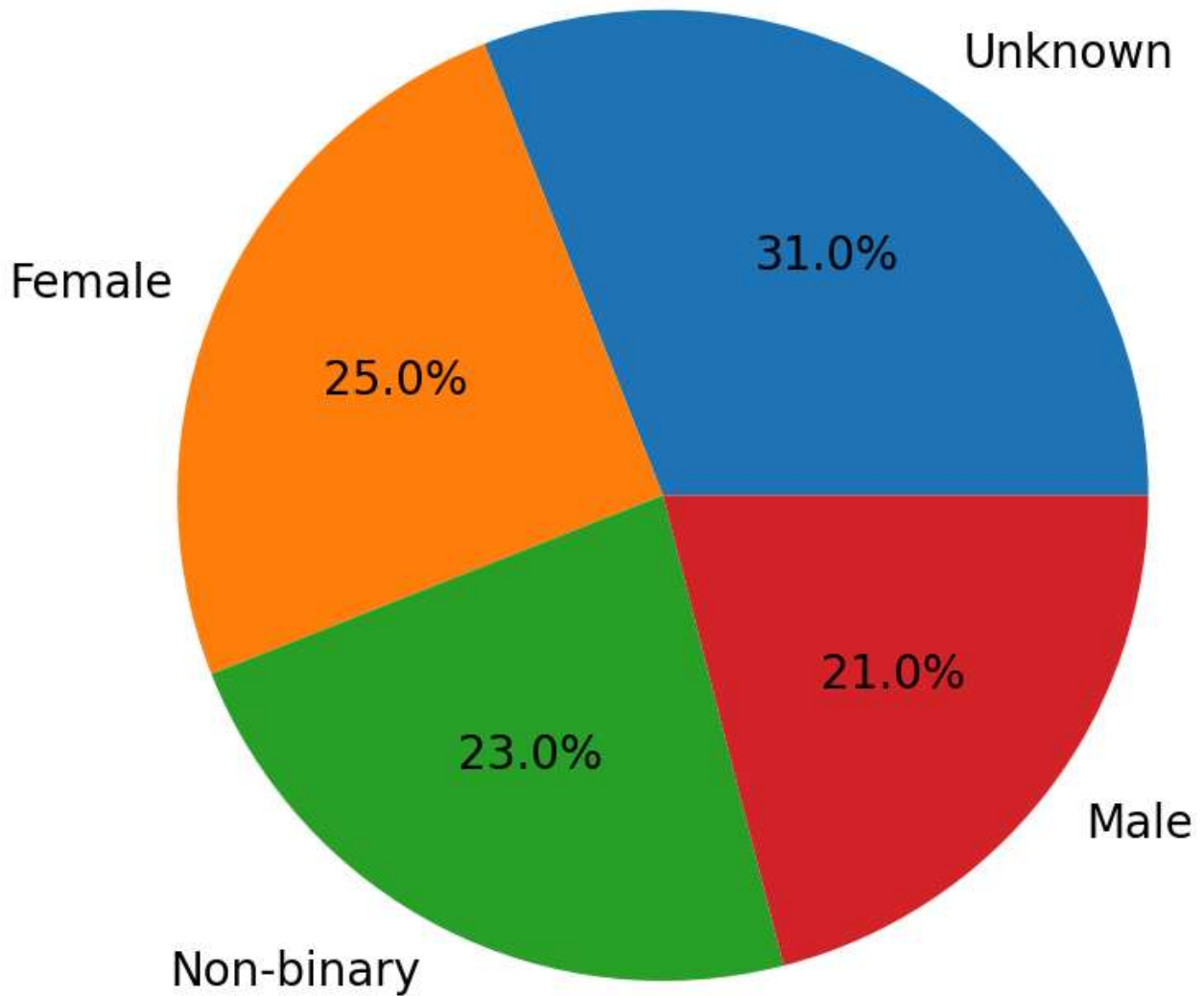
Defect Rates



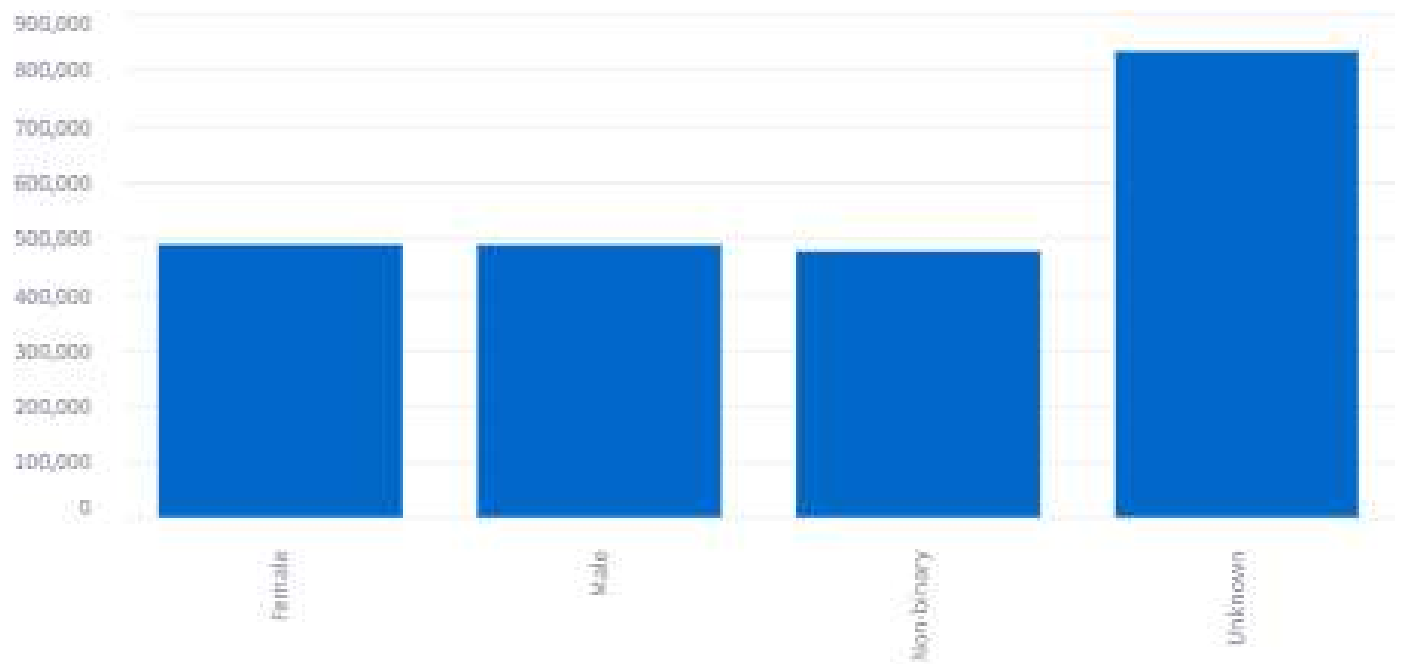
Customer Demographics

Demographic Breakdown

Demographic Breakdown



Revenue by Demographics



Analysis Questions

Which Product Type generates the highest revenue?

skincare

Are there any significant correlations between Lead times and Order quantities?

	Lead times	Order quantities
Lead times	1	0.1055
Order quantities	0.1055	1

How do Shipping costs vary by Shipping carrier and Location?

Shipping carriers	Location	Shipping costs
Carrier A	Bangalore	39.6606
Carrier A	Chennai	36.7645
Carrier A	Delhi	25.3289
Carrier A	Kolkata	27.653
Carrier A	Mumbai	26.1309
Carrier B	Bangalore	46.5439
Carrier B	Chennai	28.0107
Carrier B	Delhi	30.7627
Carrier B	Kolkata	66.0889
Carrier B	Mumbai	65.4914

Which supplier has the most efficient manufacturing process based on Manufacturing lead time and Production volumes?

Supplier name	Manufacturing lead time	Production volumes
Supplier 1	12.5926	501.6667
Supplier 2	15.5909	641.1364
Supplier 3	14.9333	533.1333
Supplier 4	15.3333	653.1111
Supplier 5	16.3333	521.1667

What demographic group contributes the most to sales?

Unknown