Simulation Controls

Upload your CSV file

Drag and drop file here

Limit 200MB per file • CSV

Browse files

DataCoSupplyChainDat... X

Number of Orders

1000

100 100000

Return Rate (%)

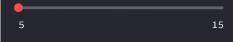
10

50

Minimum Delay (Days)



Maximum Delay (Days)



Run Simulation

Smart Supply Chain CoPilot

Metrics

Total Profit (\$)

Successful Deliveries (%)

89.30%

ctiveries (70)

10.70%

Returns (%)

Stockouts

0

Dataset Summary

13,510.11

Essential characteristics of your order data:

	Order Profit Per Order	Order Item Quantity	Product Price
count	180,519	180,519	180,519
mean	21.97	2.13	141.23
std	104.43	1.45	139.73
min	-4,274.98	1	9.99
25%	7	1	50
50%	31.52	1	59.99
75%	64.8	3	199.99
max	911.8	5	1,999.99

Safety Stock & Reorder Analysis

Avg Daily Usage

Safety Stock

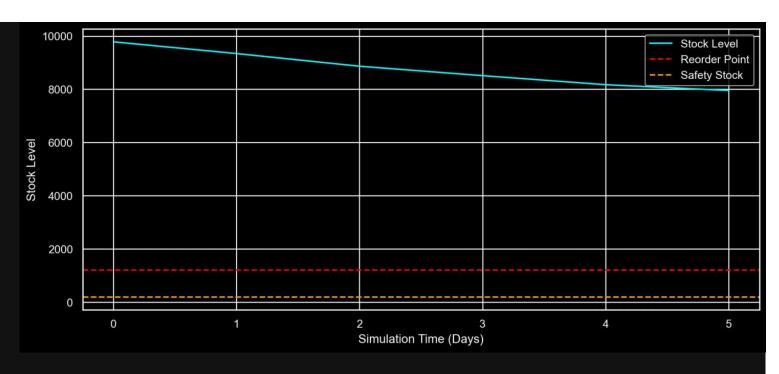
Reorder Point

340.83 units

188 units

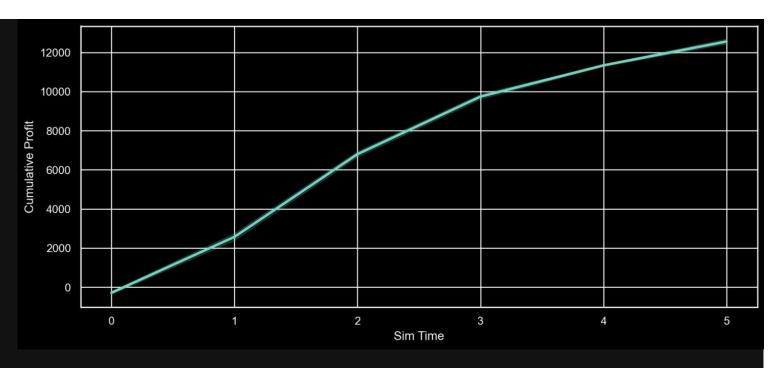
1211 units

Visualizing stock levels across the simulation vs calculated reorder point.

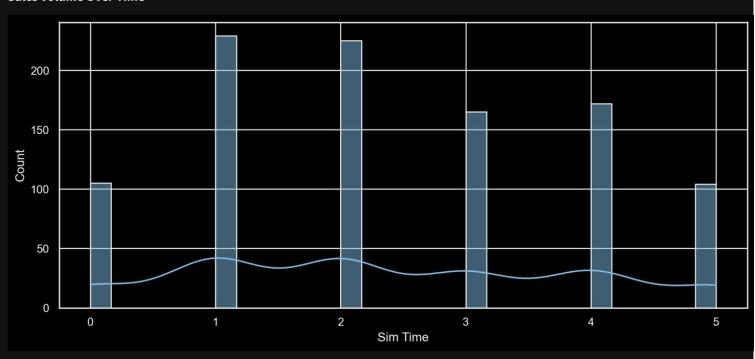


Visual Insights

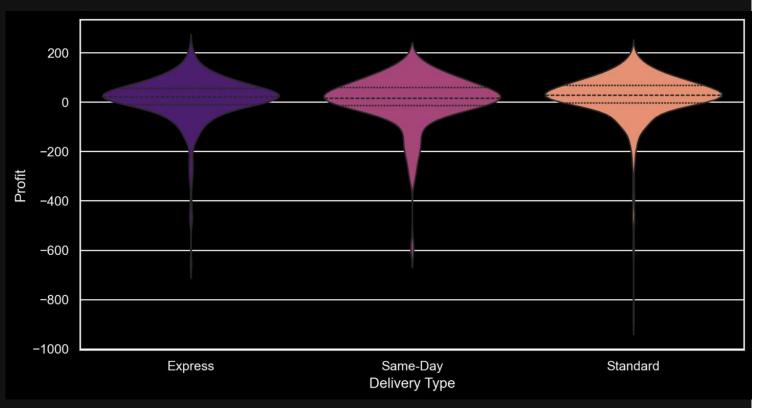
Cumulative Profit Over Time



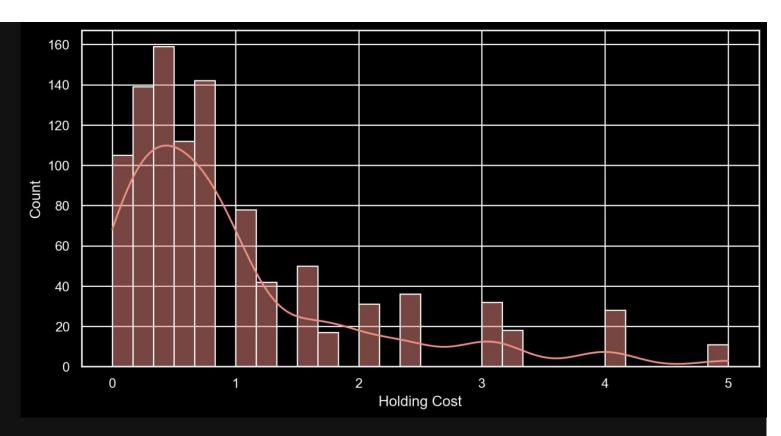
Sales Volume Over Time



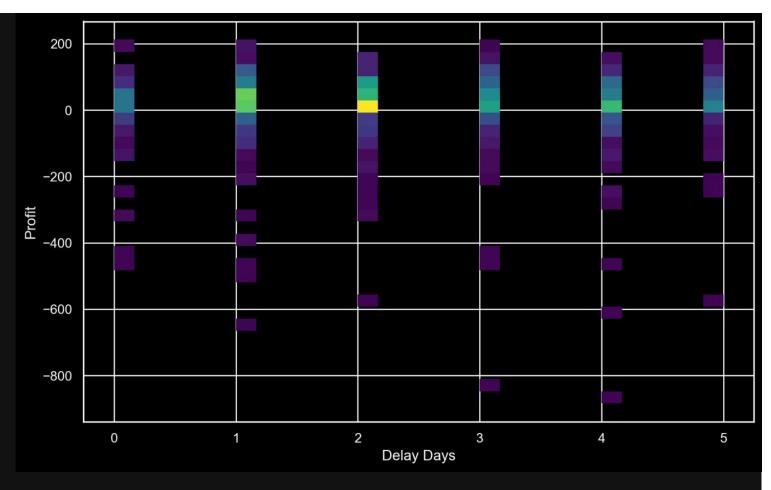
Profit Distribution by Delivery Type



Inventory Holding Cost Distribution



Delay vs Profit Heatmap



Delivery Status Breakdown



Total Stock Used vs Initial Stock

