

# INVENTORY INTELLIGENCE FOR SENLOGISTICS



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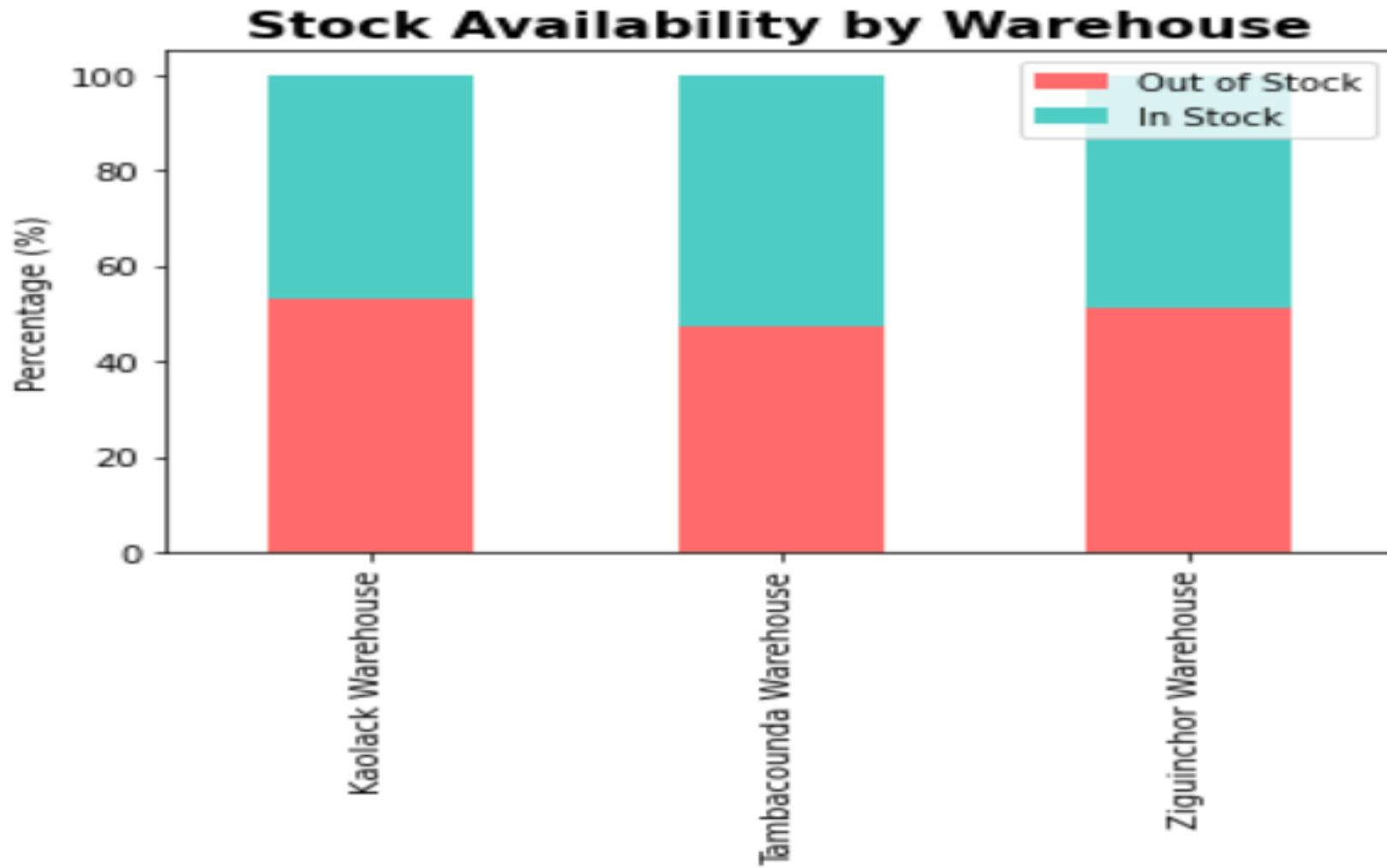
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# PROBLEM STATEMENT

# INEFFICIENT WAREHOUSE UTILIZATION UNRELIABLE SUPPLIER STOCK MANAGEMENT IMBALANCED INVENTORY DISTRIBUTION

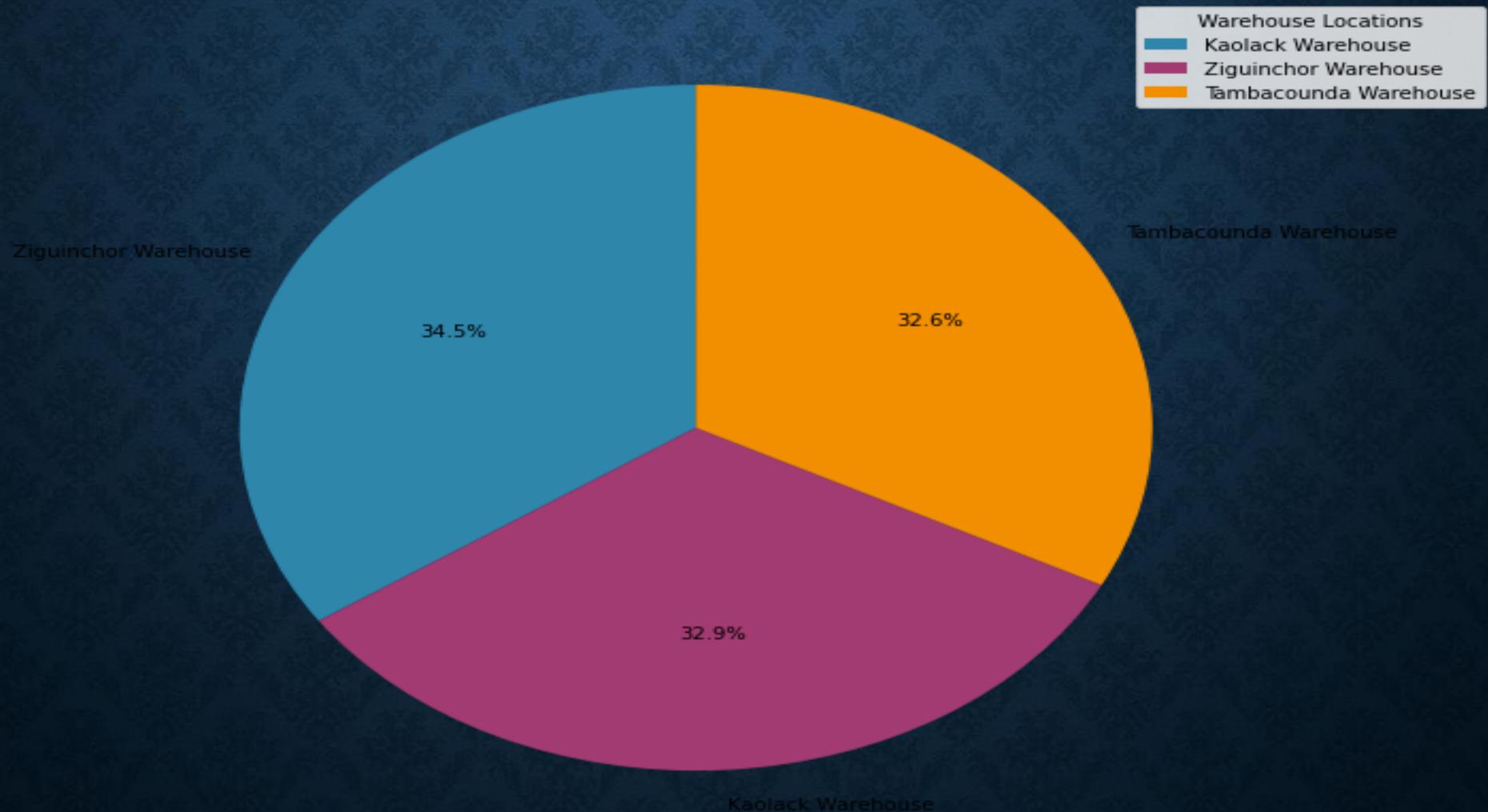
Product_ID	Product_Name	Category	Warehouse	Quantity	Price	Status	Date	Supplier	
0	738	Tablet	Electronics	Kaolack Warehouse	200	199.99	In Stock	2023-11-17 04:06:17	Dieng Shipment
1	936	Desk	Furniture	Kaolack Warehouse	100	129.99	Out of Stock	2022-04-01 10:37:39	SenTrack Logistics
2	443	Action Figure	Toys	Ziguinchor Warehouse	150	14.99	In Stock	2024-06-22 01:09:23	Bouba Livraison
3	825	Smartwatch	Electronics	Tambacounda Warehouse	100	149.99	In Stock	2022-08-31 10:50:28	SenTrack Logistics
4	777	Board Game	Toys	Kaolack Warehouse	150	29.99	Out of Stock	2023-12-24 13:02:33	Aminata Travel
5	654	Laptop	Electronics	Kaolack Warehouse	100	499.99	In Stock	2023-09-20 15:30:15	SenTrack Logistics
6	889	Monitor	Electronics	Kaolack Warehouse	50	149.99	In Stock	2023-10-10 09:23:45	SenTrack Logistics
7	555	Keyboard	Electronics	Kaolack Warehouse	200	69.99	In Stock	2023-11-05 12:15:30	SenTrack Logistics
8	333	Mouse	Electronics	Kaolack Warehouse	100	29.99	In Stock	2023-11-10 14:30:15	SenTrack Logistics
9	777	Headphones	Electronics	Kaolack Warehouse	150	199.99	In Stock	2023-11-15 09:45:15	SenTrack Logistics

# WAREHOUSE PERFORMANCE



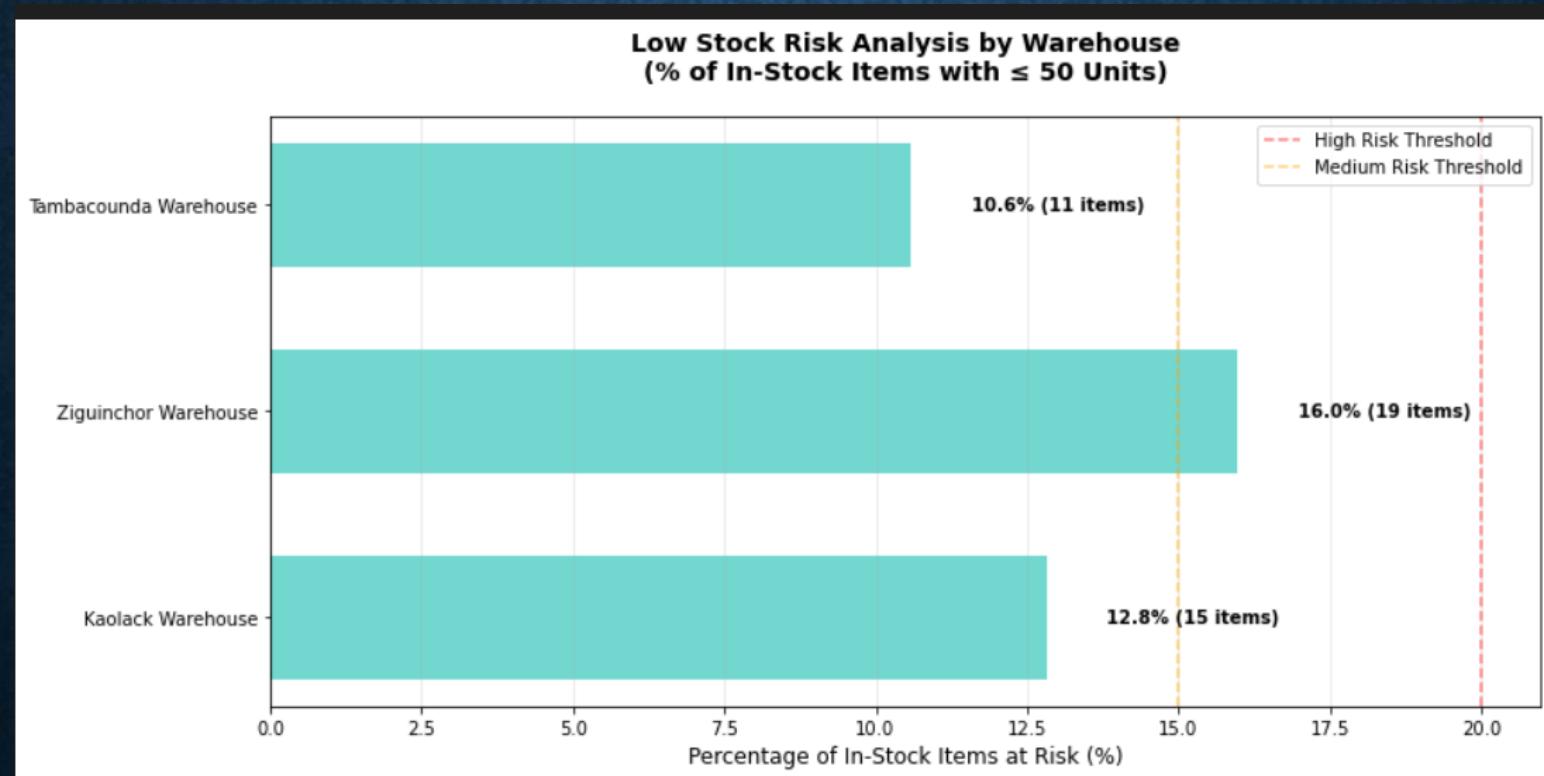
# WAREHOUSE PERFORMANCE

## Inventory Distribution Across Warehouses

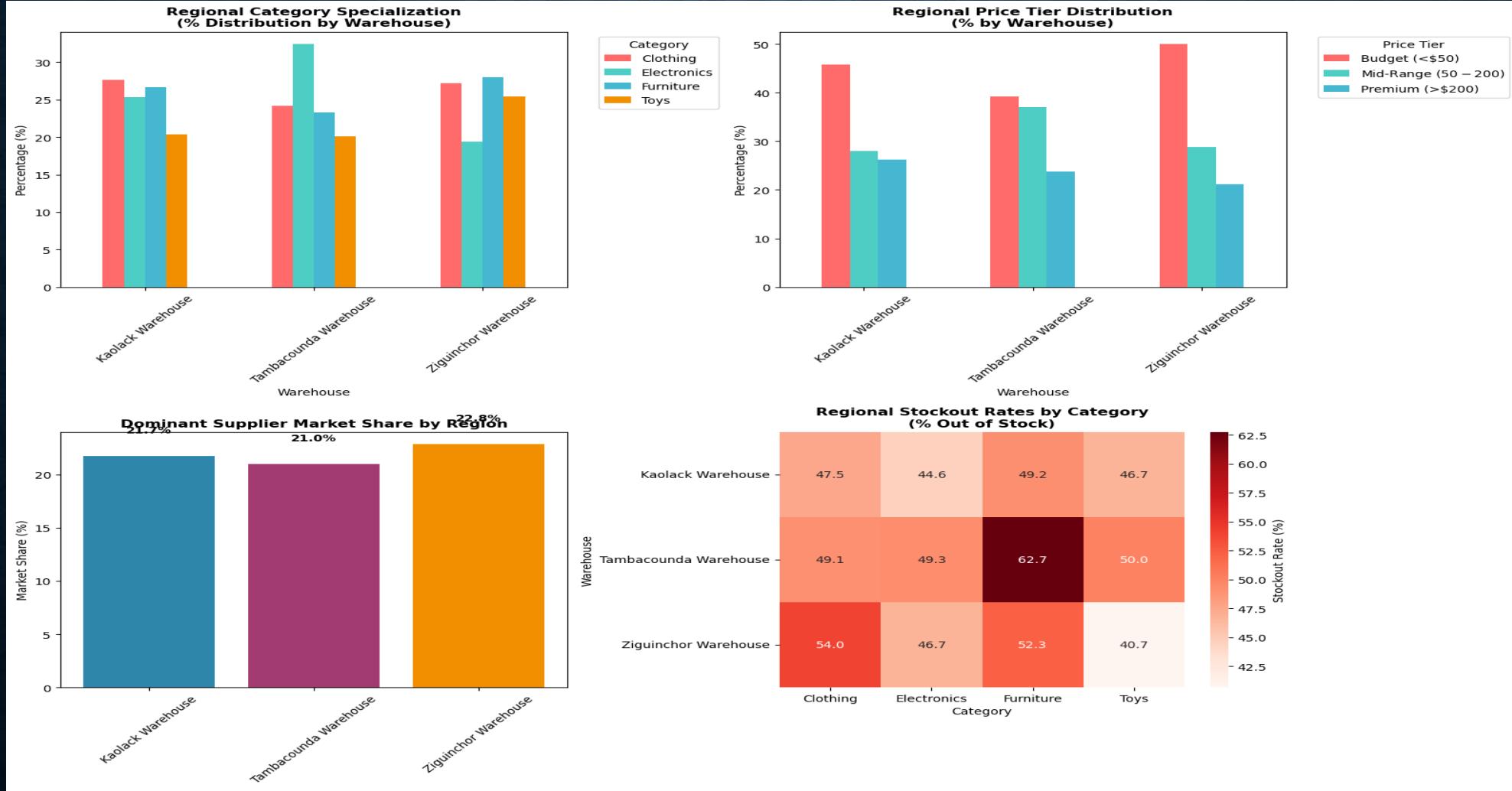


Warehouse Locations  
Kaolack Warehouse  
Ziguinchor Warehouse  
Tambacounda Warehouse

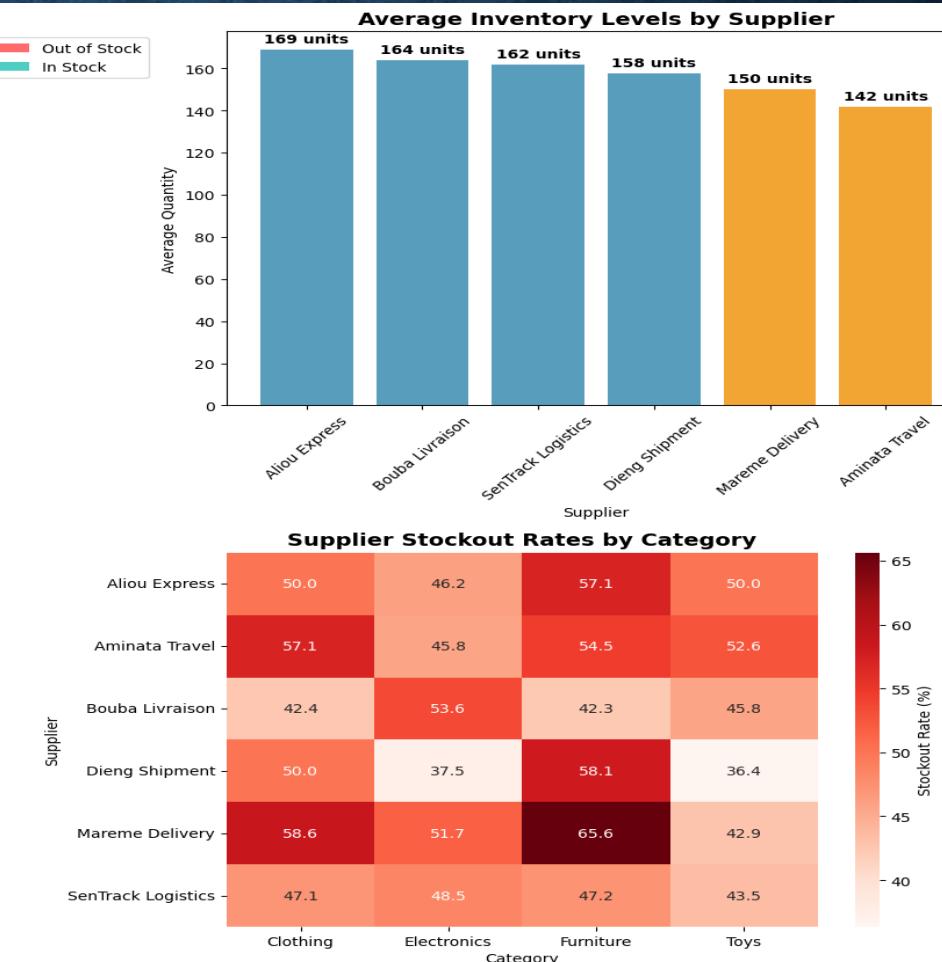
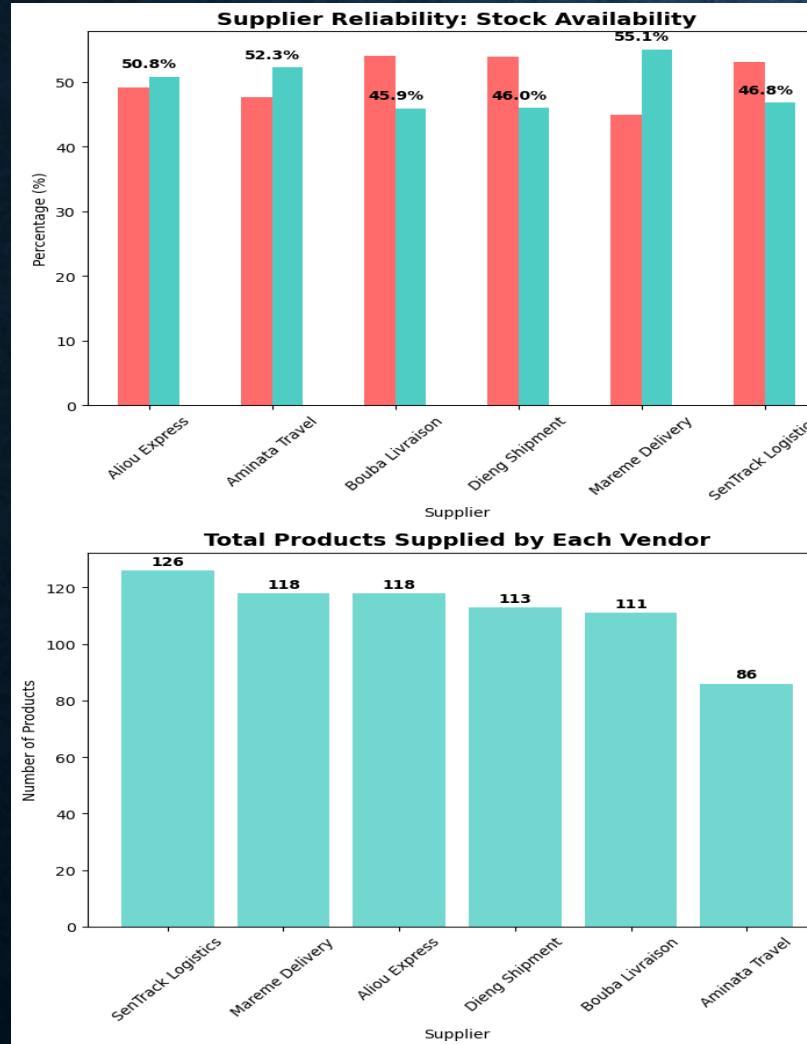
# WAREHOUSE PERFORMANCE



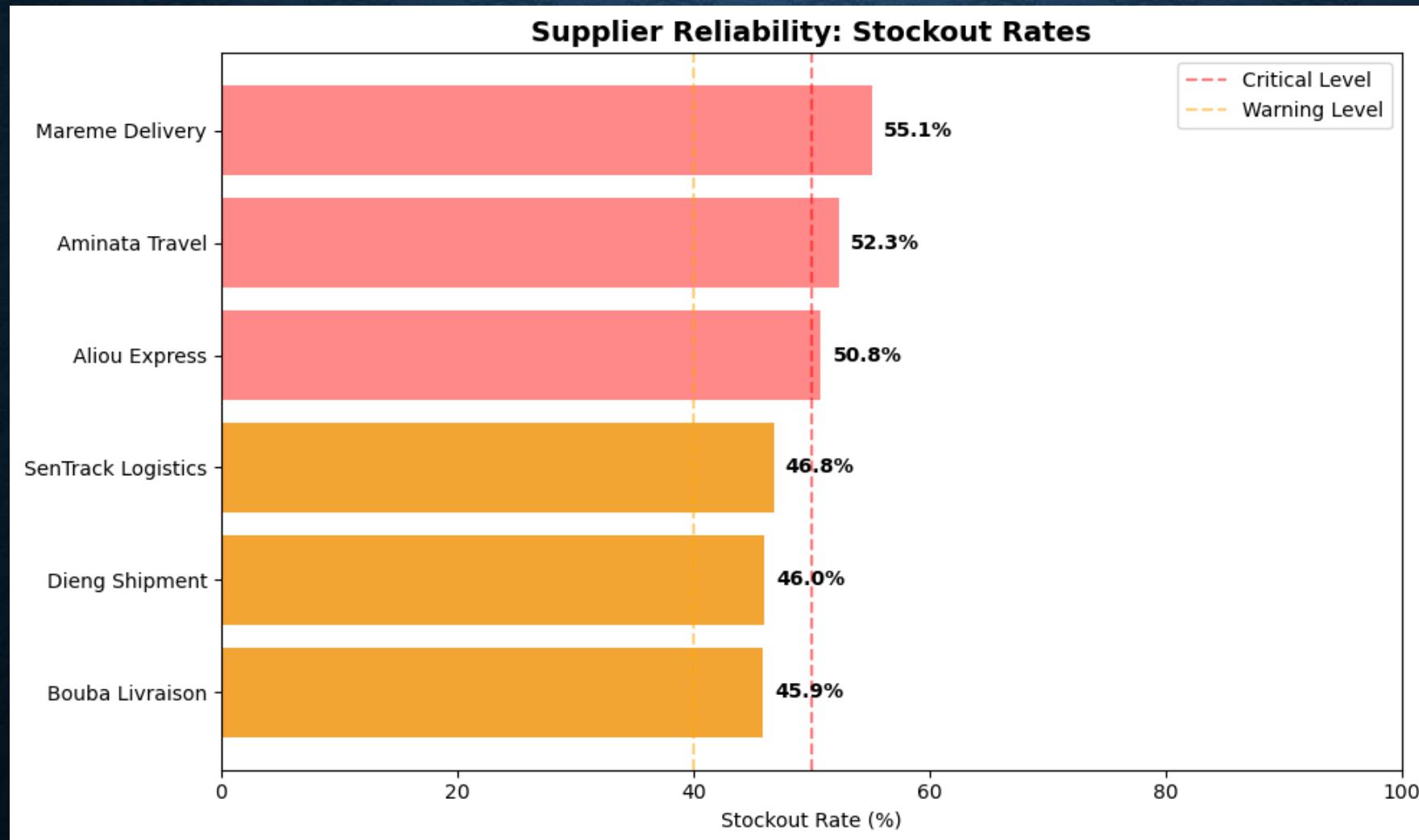
# CATEGORY PERFORMANCE



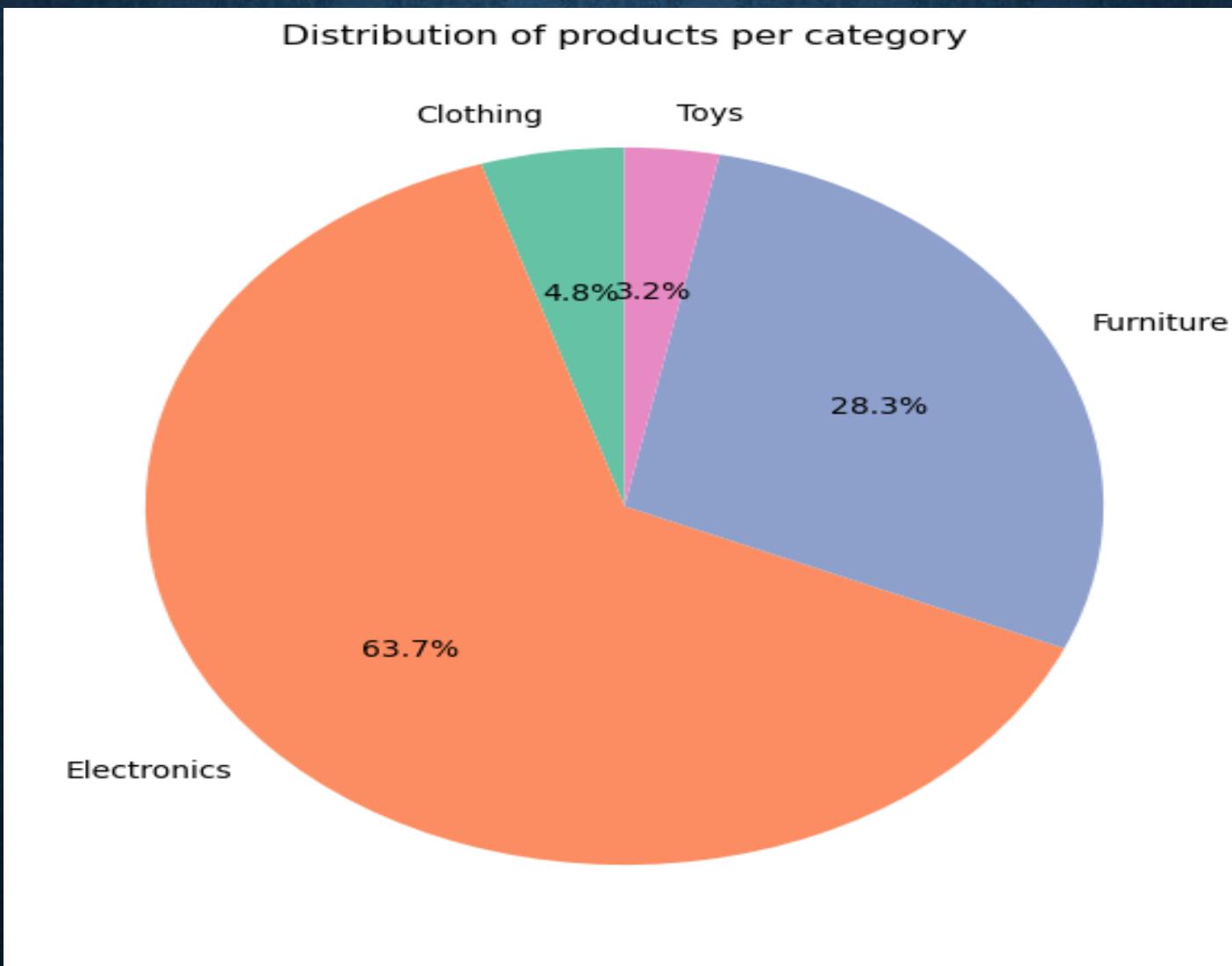
# SUPPLIER PERFORMANCE



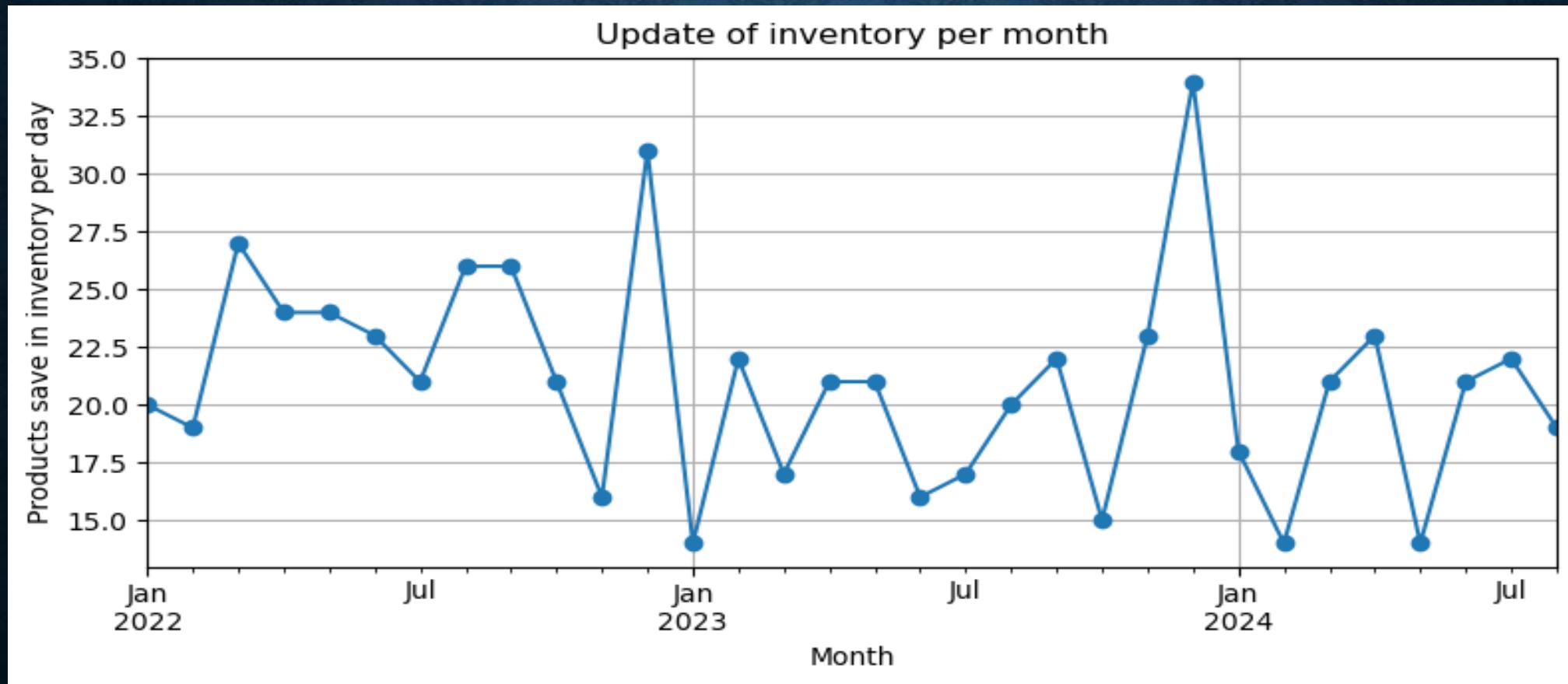
# SUPPLIER PERFORMANCE



# SUPPLIER PERFORMANCE



# FINANCIAL IMPACT



# **CALL FOR IMMEDIATE ACTION**

- Strategic Recommendation solution
- Dynamic balancing between warehouse – Fix communication gap
- Real-Time stock visibility – Fix Stock-out problem in multi-warehouses
- Supplier performance tracking and scorecards – improves performance and replace worst performers

# CONCLUSION

- We're leaving money on the table. Fixing our inventory management could potentially double our sales and profit.
- Meaning having 49.7 % of products are out of stock at any given time
- Customer demand are unmet and some in the wrong places.
- Our Vision to ensure this distribution company have the right product, at right time , at the right place everywhere.

**THANK YOU  
FOR YOUR  
AUDIENCE**