Inventory Analytics Toolkit – README

Core Objectives of Inventory Optimization





Optimal Inventory Level

Maintaining the right amount of stock to meet demand efficiently.



Reduce Stockouts

Minimizing instances of running out of stock to avoid lost sales.



Analyze Turnover

Evaluating how quickly inventory is sold and replaced.



Streamline Procurement

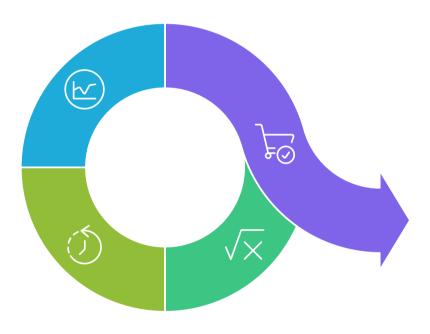
Improving the efficiency of acquiring and producing inventory.



Sustainable Strategy

Developing long-term inventory practices that are environmentally friendly.

Inventory Management Cycle



1

3

4

Calculate EOQ

Determine optimal order quantity using formula

Set Reorder Point

2

Establish when to reorder based on demand and lead time

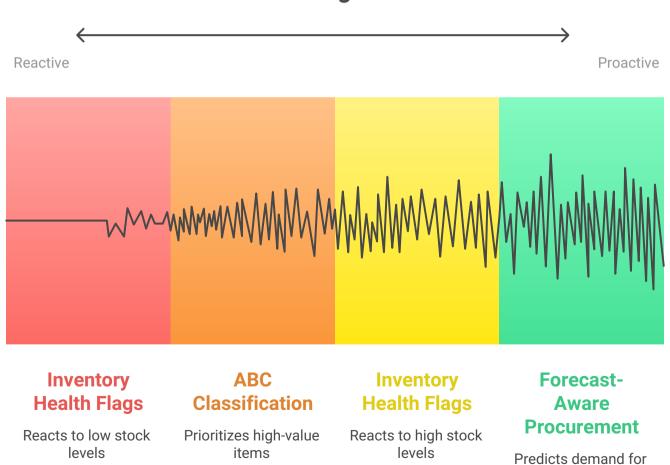
Forecast Demand

Predict future demand using historical data

Make Procurement Decisions

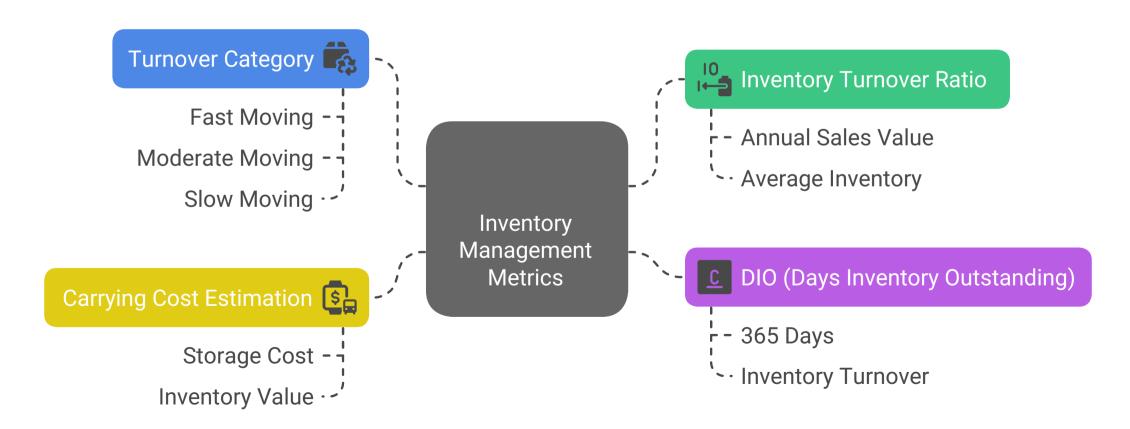
Decide on procurement actions based on forecasts

Inventory management ranges from reactive to proactive strategies.

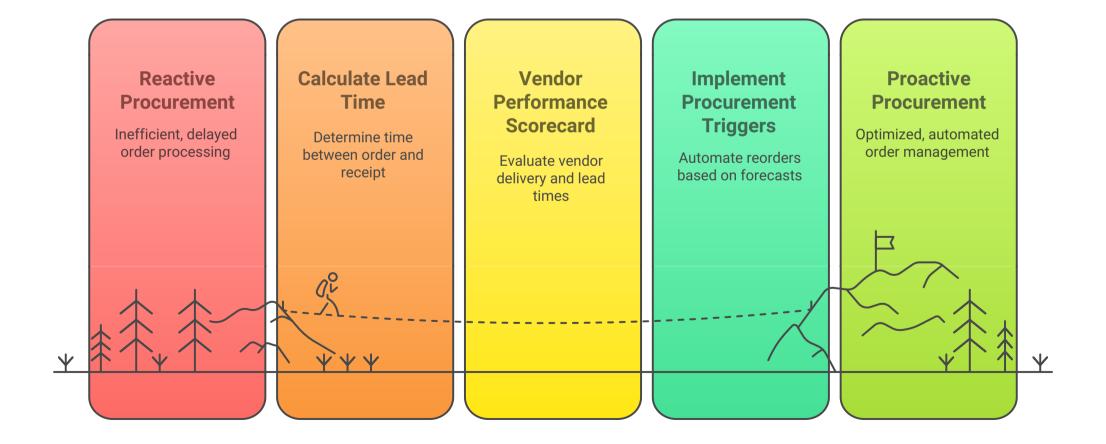


adjustments

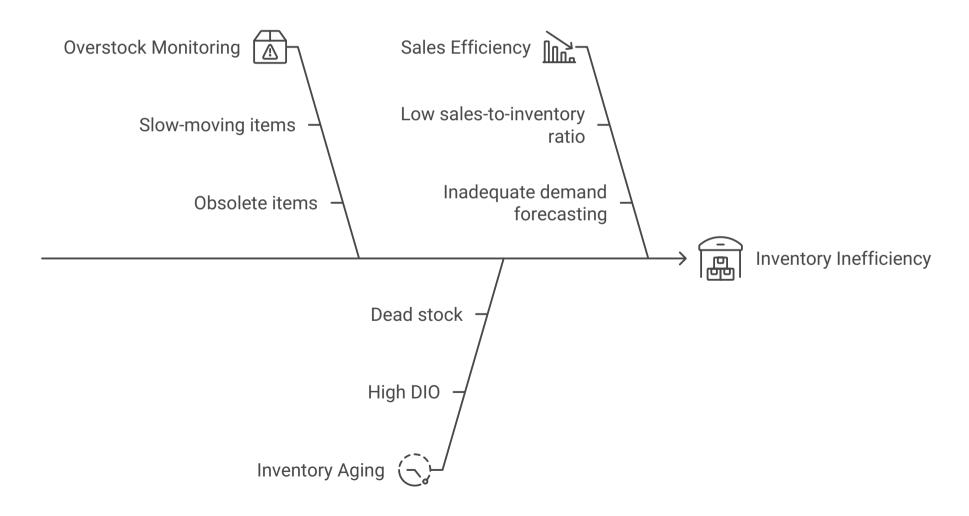
Inventory Management Metrics and Analysis



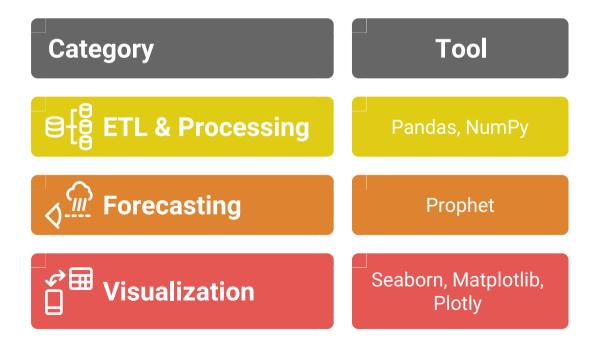
Streamlined Procurement Process



Analyzing Inventory Inefficiency



Comparison of different tools



Achieving Inventory Optimization

