

Demand Volatility Analyzer

Logistics & Trade

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Analyses your demand pattern — volatility and seasonality — and translates it into safety-stock and reorder guidance and the stockout-vs-overstock trade-off. Use it to right-size buffers for a volatile SKU. For a formal reorder policy, pair with your inventory system.

Purpose of this tool & output

Read inventory risk from demand swings

How the output is used

Use the analyzer to read inventory risk from demand swings and to set safety stock and reorder policy.

Who should vet it

A supply-planning lead, to confirm the demand assumptions and stock policy.

Important cautions

AI-generated analysis; use proper statistical models for precise safety stock.

Companion documents

- Supply Chain Risk Assessment
- Supplier Concentration Risk Map
- Geopolitical / Route Risk Assessor
- Supply Business Continuity Plan
- Dual-Sourcing Strategy Builder

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.