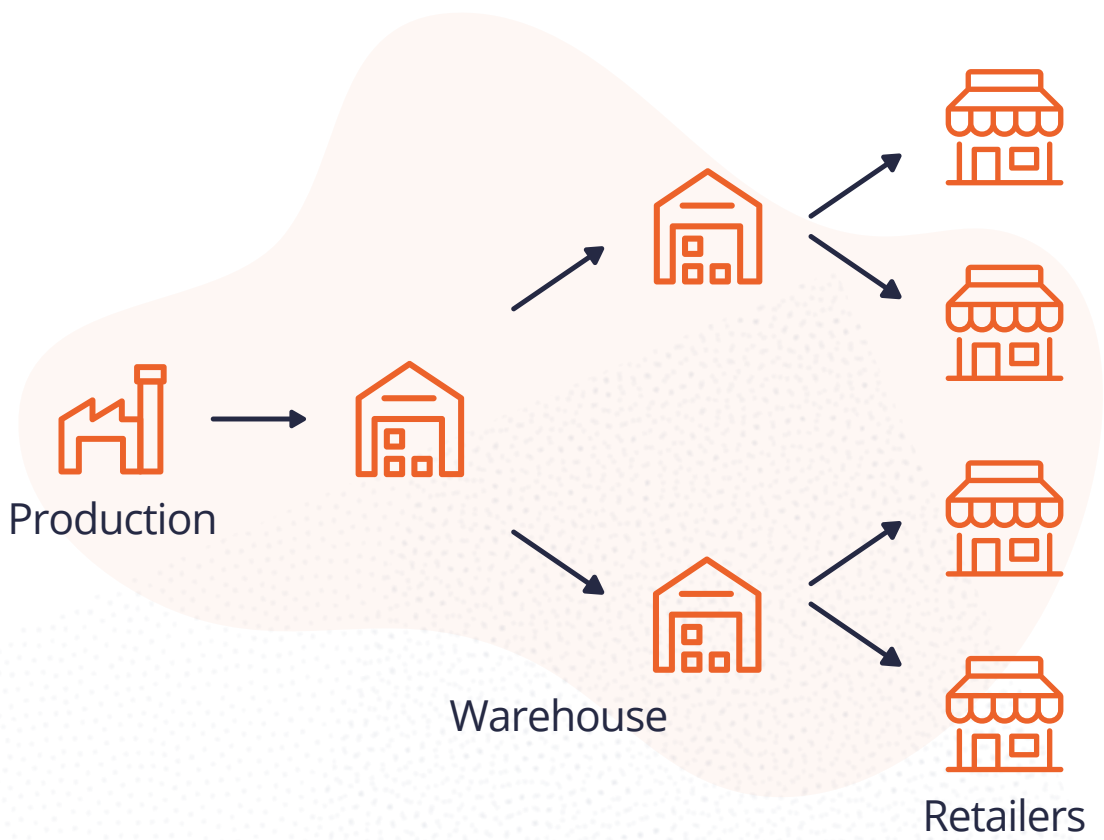


#029 : Inventory Optimization

Part 02 : The Multi-Echelon Inventory Optimization Problem Parameters



Number of Echelons in the Supply Chain

- Single
- Multi-echelon
- Continuous
- Logistic

Structure of the Network

- Convergent
- Divergent
- Serial
- General Acyclic
- General Cyclic

Time

- Continuous
- Discrete

Information Availability

- Local
- Echelon Level
- Global

Capacity

- Finite Capacity
- Infinite Capacity (very high capacity)

Lead Time

- Deterministic
- Stochastic (Parametric)
- Stochastic (Non-Parametric)

Demand

- Deterministic
- Stochastic (Parametric)
- Stochastic (Non-Parametric)
- Stationary
- Non-Stationary

Supplier

- Single
- Multiple

Batch Size

- Unit
- Single Fixed
- Multiple

Emergency Measures

- Expediting
- Transshipment
- Outsourcing
- Rational Allocation

Shortage

- Backorder
- Lost Sale
- Guaranteed Service

Unit Price

- Constant
- Variable
- With Discounts