TECH SAKSHAM

CASE STUDY REPORT

SUPPLY CHAIN ANALYSIS OF INVENTORIES

NMS SERMATHAI VASAN COLLEGE FOR WOMEN

NAME; R.MARIVINOTHINI

NM ID; 5C41C3073D4A69E94CC4D543AB6C955B

TRAINER NAME; R.Umamagesheswari

Master Name; R.Umamagesheswari

SUPPLY CHAIN ANALYSIS OF INVENTORIES

INTEX

INTRODUCTION

supply chain analysis is all about understanding and optimizing the flow of goods and services from the supplier to the customer.

It involves analyzing various factors like inventory management, transportation, and logistics to identify areas for improvement

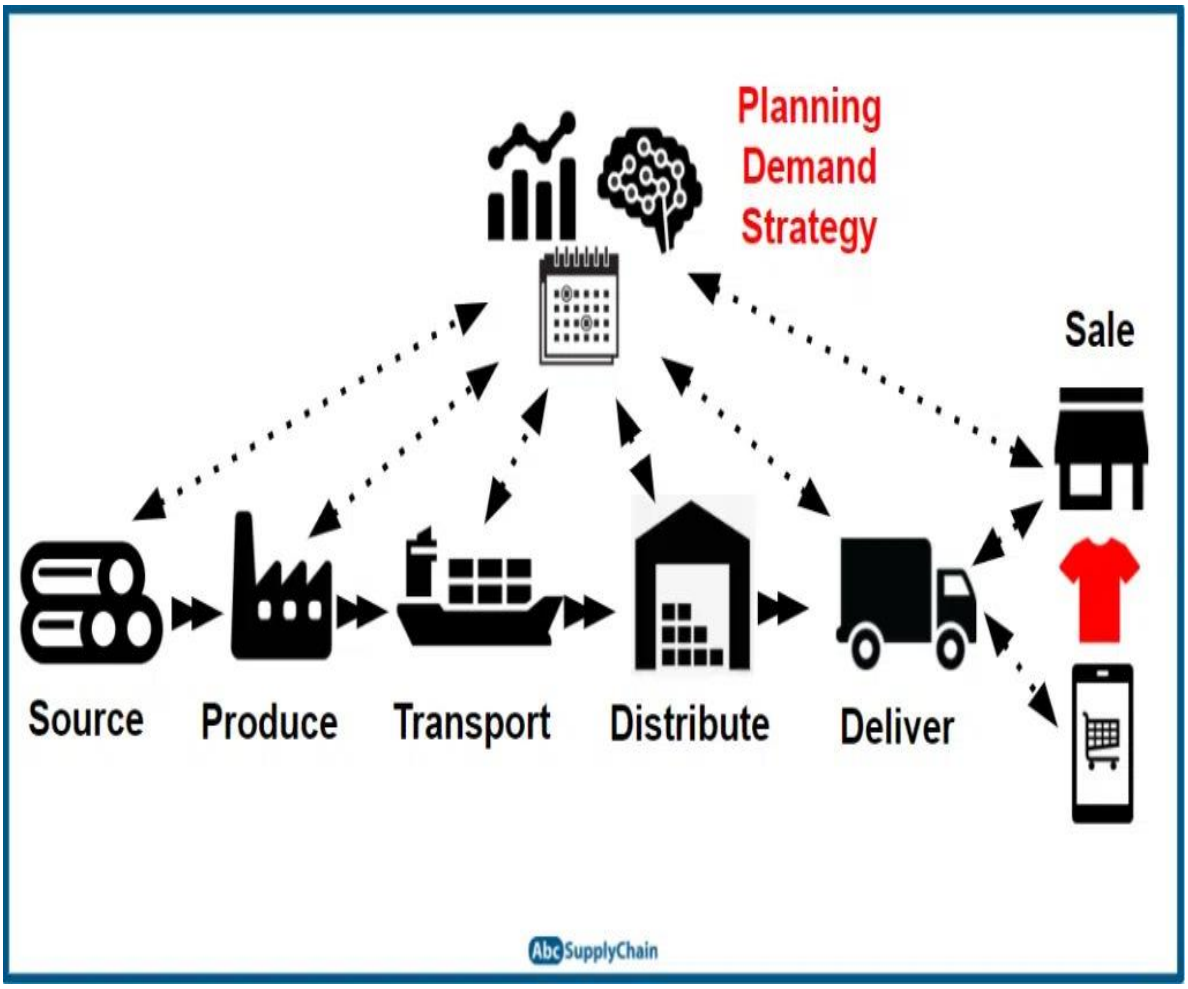
Cost Savings Inventory Analysis is one of the branches of Operation Research which deals in studying and understanding the stock

Product mix combined with the knowledge of the demand for stock/product.

It is the technique to determine the optimum level of inventory for a firm. Applied chain management is a process of managing

supply relationships outside a company and the flow of stock into and through a company. Inventory management may focus on trends and orders for the

company or a part of the company.



SERVIES AND TOOLS REQUIRED

1. **Strategic Supply Chain Management Tools Strategic planning and analysis are the main focus of strategic supply chain management tools.**

2. **They include simulation software solutions, integrated planning systems, advanced planning systems, business intelligence (BI) tools, and optimization software.**

3. **Transportation Management Systems (TMS)Transportation Management Systems are critical for optimizing the movement of good**

supply chain management tool is any device, concept, or system that is used to help oversee, control, and improve the flow of goods and services through the supply chain

5. In practice, it almost always refers to software applications that serve certain key functions: Order processing and tracking tools

Supply chain modeling is a process used to plan and optimize supply chain routes. Companies use supply chain modeling to develop strategies for getting products, supplies, or resources from

one place and state to another. A supply chain can be extremely complex. By managing the supply chain, companies can cut excess costs and deliver products to the consumer faster and more efficiently.

PROJECT ARCHITECTECTURE

To design a supply chain system architecture, it must include 4 aspects: information flows, physical flows, financial flows, and supply chain architecture (organization design=labor, process units, vehicle, and cost structure).

The information flow determines the entire supply chain an architectural diagram is a visual representation that maps out the physical

implementation for components of a software system. It shows the general structure of the software system and the associations, limitations, and boundaries

Inventory management follows the flow of goods to, through and out of the warehouse. The supply chain includes demand planning, procurement, production, quality, fulfillment, warehousing and customer service—all of which require inventory visibility

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MODELING AND RESULT

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6 Major Types of Supply Chain Models

- Continuous Flow Model.
- The Fast Chain Model
- The Efficient Chain Model
- The Agile Model

. • The Custom-configured Models

• The Flexible Model.

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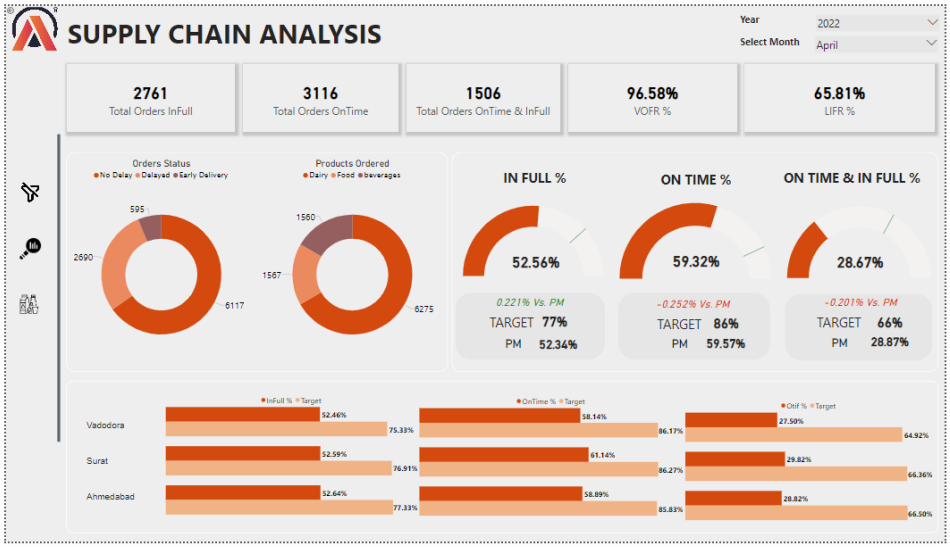
CONCLUSION

In conclusion, inventory management is a critical process for any business to help ensure that it has the right

amount of inventory at the right time. It involves forecasting, ordering, receiving, storing, and tracking inventory levels and can have a major impact on the success or failure of a business. By analyzing customer data, supply chain analytics can help a business better predict future demand. It helps an organization decide what products can be



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SALES REPORT
DYNATUNERS
Ask a question about your data
Total Category Volume
50K
% Units Market Share
30%
Total Category Volume
16K
Sentiment
68
Sentiment Gap
4
Total Units
1M
Total Units
Aliqui
Natura
Pirum
VanArsdel
Central
East
West


Big Box Supply Chain
Carefully selected manufacturers
Warehouses where manufacturers handle inventory
Large, strategically-located distribution centers
Big box retail locations with just in time delivery

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decide what products can be The inventory valuation method directly impacts your profit margin and accounting principles. So choosing the right valuation method is complex but it will make a big difference to your business. Analyse all the methods, but most businesses choose the FIFO In conclusion, inventory management is a critical process for any business to help ensure that it has the right

method as it is more profitable

Companies use supply chain modeling to develop strategies for getting products, supplies, or resources from one place and state to another.

FEATURE

The components of a supply chain include producers, vendors, warehouses, transportation companies, distribution centers, and retailers. The functions of a supply chain include product development, marketing, operations, distribution, finance, and customers service. Today, many supply chains are global in scalp

FUTURE SCOPE

The supply chain of the future will use artificial intelligence and other digital technology to automate execution

Not only does this connect decision making across the value chain

It also gives employees more flexibility with work design.

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technology to automate execution. Not only does this connect decision making across the value chain

REFERENCES

References numbers are used to identify and track various items in Inventory, such as inventory adjustments, location transfers, and manual counts.

LINK IN DEVICE