

Research Brief

Certainly! Here are some key parameters to consider for research aimed at improving supply chain performance :

1. **Cost Efficiency:**

- Total Cost of Ownership (TCO): Analyze the full cost of supply chain activities, including procurement, transportation, and inventory holding.
- Cost Reduction Opportunities: Identify areas where costs can be minimized without sacrificing quality.

2. **Operational Efficiency:**

- Process Optimization: Evaluate current processes and identify inefficiencies or bottlenecks.
- Automation Potential: Assess the feasibility and impact of automation and technology integration.

3. **Supplier Performance:**

- Supplier Reliability: Measure the consistency and reliability of suppliers in terms of delivery and quality.
- Supplier Collaboration: Investigate the effectiveness of communication and collaboration with suppliers.

4. **Inventory Management:**

- Inventory Turnover Ratio: Track how often inventory is sold and replaced over a period.
- Stock Accuracy: Evaluate the accuracy of inventory records compared to actual stock levels.

5. **Demand Forecasting:**

- Forecast Accuracy: Assess the precision of demand forecasts and their impact on supply chain performance.
- Forecasting Methods: Explore various forecasting techniques and their effectiveness.

6. **Logistics and Distribution:**

- Transportation Efficiency: Analyze transportation routes, costs, and delivery times.
- Distribution Network: Evaluate the effectiveness of the current distribution network and identify opportunities for improvement.

7. **Technology Integration:**

- IT Systems and Tools: Assess the current technology stack and its integration with supply chain operations.
- Innovation Adoption: Explore emerging technologies like AI, IoT, and blockchain for potential applications in the supply chain.

8. **Risk Management:**

- Risk Assessment: Identify potential risks and vulnerabilities in the supply chain.
- Mitigation Strategies: Develop strategies to mitigate identified risks and ensure continuity.

9. **Customer Satisfaction:**

- Order Fulfillment Accuracy: Measure the accuracy and timeliness of order fulfillment.
- Customer Feedback: Collect and analyze customer feedback to identify areas for improvement.

10. **Sustainability:**

- Environmental Impact: Evaluate the environmental impact of supply chain activities and explore sustainable practices.
- Compliance: Ensure adherence to environmental regulations and sustainability standards.

11. **Regulatory Compliance:**

- Legal Requirements: Assess compliance with industry regulations and legal requirements.
- Standards and Certifications: Review adherence to relevant standards and certifications.

These parameters provide a comprehensive framework for researching and improving supply chain operations, ensuring a balanced focus on efficiency, cost, and overall performance.

SCAN
ME



* Vcard Scanner