

Goutham Sree Purusottam

(314) 333-9574 | Gouthamsree35@gmail.com | [LinkedIn](#)

Professional Summary

Over 3 years of experience as a Supply Chain Analyst with expertise in demand forecasting, inventory management, procurement analysis, logistics optimization, and data-driven decision-making to enhance supply chain efficiency and performance. Skilled in Advanced Excel (Pivot Tables, VLOOKUP, VBA/Macros), Power BI, Tableau, and SAP for data analysis, reporting, and optimizing supply chain operations to improve efficiency and decision-making. Proficient in KPI Management & Reporting, Regression Analysis, Hypothesis Testing, and Economic Order Quantity (EOQ) models to optimize inventory levels, forecast demand, and enhance supply chain performance. Expertise in Project Management, Supplier Relations, Risk Mitigation, and Supply Chain Optimization.

Skills

Programming & Scripting Languages: Python, SQL

Supply Chain Tools: SAP ERP (MM, PP, IBP), SAP HANA, TMS (Transportation Management System), Ariba, Power BI, Tableau, Excel (VBA, Pivot Tables, VLOOKUP), MS Visio, Lucid chart

Inventory & Demand Planning: Forecasting, EOQ, Safety Stock, JIT, S&OP

Process Optimization: Value Stream Mapping, Root Cause Analysis (5-Why, Fishbone)

Analytics & Reporting: KPI Management, Hypothesis Testing, ABC/XYZ Analysis, Cycle Time Analysis, A/B testing

Risk & Failure Analysis: Failure Mode and Effects Analysis (DFMEA, PFMEA)

Databases: SQL Server, MySQL

Managerial Skills: Project Management, Demand Forecasting, Inventory Management, Procurement & Supplier Management, Risk Control Management, Continuous Process Improvement, Warehouse & Supply Chain Optimization

Education

Master's in Management Information Systems | *University of Illinois Springfield, IL*

May 2025

Bachelor's in Computer Science | *Lovely Professional University, Punjab, India*

May 2023

Work Experience

Walmart, USA

Jan 2025 – Current

Supply Chain Analyst

- Implemented 5S methodology across supply chain operations, improving workspace organization and reducing material handling errors by 25%, leading to productivity and workflow efficiency.
- Developed and maintained interactive Power BI dashboards to track key supply chain KPIs, including inventory turnover, order cycle time, and supplier lead times, reducing reporting time by 70% and enhancing real-time decision-making across regional warehouses.
- Led root cause analysis on recurring stockouts and shipment delays using the 5 Whys, Pareto analysis, and fishbone diagrams, uncovering key process inefficiencies and implementing corrective actions that increased order fulfillment rate from 88% to 96% within one quarter.
- Collaborated closely with Business Partners to diagnose and resolve availability challenges, address supply/demand imbalances, and deliver expert inventory management solutions, driving operational efficiency and improved performance.
- Leveraged data analytics to pinpoint inefficiencies in the supply chain, implementing strategic improvements that optimized inventory management and streamlined operational workflows.
- Monitored EOQ metrics and adjusted ordering policies to maintain an optimal balance between inventory holding costs and stockout risk, resulting in a 15% increase in inventory efficiency.

Boost Fincorp, India

Jan 2021 – Nov 2023

Supply Chain Analyst

- Designed Pivot Table dashboards to monitor key performance indicators (KPIs), improving real-time visibility into supply chain operations and enhancing overall process efficiency by 22%.
- Conducted regular supplier audits to assess performance, compliance, and risk factors across key suppliers, identifying potential issues early and implementing corrective actions, resulting in a 15% enhancement of supplier accountability and reliability.
- Built custom Tableau dashboards to visualize procurement and logistics trends, enabling stakeholders to identify bottlenecks, monitor vendor performance, and proactively manage risks, resulting in a 25% improvement in on-time delivery rates.
- Automated complex supply chain reporting in Excel using advanced formulas, pivot tables, and VBA macros, reducing manual data processing time by 60% and increasing the accuracy of monthly inventory and demand forecasts across 200+ Stock Keeping Units.
- Directed A/B testing on demand forecasting models and procurement strategies, evaluating the impact of supplier lead-time adjustments and reorder points; the optimized strategy reduced excess inventory by 18% while maintaining service level agreements above 95%.
- Accomplished a comprehensive analysis of supply chain performance metrics, identified key areas for improvement, and utilized strategies that resulted in a 10% reduction in overall supply chain costs.
- Implemented a lean manufacturing process that resulted in \$50,000 in savings, 15% of the production department's budget.

Certifications

Unilever Supply Chain Data Analyst Professional Certificate | The Complete Python Bootcamp from Zero to Hero in Python | Software AG Certified ARIS Modeler Basic | Microsoft Certified: Power BI Data Analyst Associate | Data Structures and Algorithms (DSA)-Self Placed