

SAI DEEKSHITHA REDDY PALPUNOORI

Supply Chain Analyst

Cleveland, OH | (219) 986-0136 | saideekshithareddypalpunoori@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Supply Chain Analyst with 4+ years of experience across supply chain, business analysis, and business operations, focusing on demand planning, inventory management, procurement, forecasting, supplier performance, and operational analytics. Skilled in SQL, Excel, Power BI, Tableau, Python, SAP MM, SAP APO, SAP SCM, and Oracle NetSuite for operational analysis, KPI reporting, and planning support. Experienced in S&OP, MRP, inventory optimization, safety stock, ABC analysis, purchase order analysis, data validation, root-cause analysis, and cross-functional process improvement.

TECHNICAL SKILLS

Supply Chain & Planning: Demand Planning, Supply Planning, Inventory Management, Procurement, S&OP, Material Requirements Planning (MRP), Inventory Optimization, Capacity Planning, Order Fulfillment

Forecasting & Inventory: Demand Forecasting, ABC Analysis, EOQ, Safety Stock Planning, Inventory Reconciliation, Forecast Analysis, Inventory Performance Analysis

Procurement & Supplier Management: RFQ/RFP Management, Purchase Order Analysis, Supplier Performance Management, Supplier Evaluation, Vendor Management, Contract Support, Procurement Analytics, Cost Analysis

ERP & Supply Chain Systems: SAP MM, SAP APO, SAP SCM, Oracle NetSuite

Data Analysis & Reporting: SQL, Microsoft Excel, Power Query, VBA, Pivot Tables, VLOOKUP, XLOOKUP, Power BI, Tableau, Python, Pandas, NumPy

Process Improvement: Root Cause Analysis, KPI Reporting, Lean Six Sigma, Continuous Improvement, Data Validation, Cross-Functional Collaboration

PROFESSIONAL EXPERIENCE

Supply Chain Analyst | Stanley Black & Decker | USA Jun 2025 - Present

- Analyzed shipment volumes, delivery schedules, carrier activity, and transportation exceptions across 10K+ records, identifying logistics bottlenecks and improving delivery coordination by 18%.
- Coordinated replenishment and distribution requirements across 5+ product categories, aligning product availability with shipment priorities, warehouse needs, and customer order demand.
- Evaluated inventory levels using ABC Analysis, EOQ, and Safety Stock Planning for 2K+ SKUs, helping reduce excess inventory exposure by 14%.
- Monitored 1,500+ purchase orders and supplier commitments in SAP MM, SAP APO, and SAP SCM, improving visibility into material delays and availability issues by 20%.
- Supported S&OP and MRP planning by consolidating demand, supply, inventory, and transportation requirements, reducing planning preparation time by 25%.

Business Analyst | Hail Cabs | India Jan 2022 - Dec 2023

- Optimized vehicle routing by analyzing 15K+ trip records, including distances, pickup zones, traffic patterns, and travel demand, improving trip allocation efficiency by 16%.
- Assessed demand across 20+ service zones and multiple time periods to allocate vehicles effectively, reducing peak-period fleet imbalances by 18%.
- Analyzed driver utilization, trip completion, cancellations, and service coverage across 500+ drivers, identifying deployment gaps and improving fleet utilization by 15%.
- Evaluated fare structures, driver earnings, incentives, and commission models across 10K+ transactions, identifying settlement variances and improving financial visibility by 20%.
- Built transportation analytics using SQL, Excel, Power Query, Pivot Tables, and Power BI, reducing manual operational reporting time by 30%.
- Gathered requirements from 8+ operations stakeholders, translating transportation challenges into analytical requirements, process improvements, and decision-support reports.

Business Operations Analyst | CitiusTech | India Mar 2021 - Dec 2021

- Consolidated operational data from 6+ source systems using SQL, Excel, and Python, creating standardized datasets for recurring business analysis and reporting.
- Performed data validation and reconciliation across 12K+ records, identifying inconsistencies and improving reporting data accuracy by 17%.
- Established standardized business metrics and reporting structures across 10+ KPIs, improving consistency in management reporting and recurring operational reviews.
- Investigated recurring workflow and data-quality issues using root-cause analysis, reducing repeat reporting issues by 15% through documented corrective actions.
- Documented business processes and reporting requirements by collaborating with 6+ stakeholders, improving clarity around workflows, dependencies, and information needs.

PROJECTS

Inventory, Demand & Fleet Analytics Pipeline | GitHub

- Built a Python ETL pipeline for EV Taxi Analytics to analyze fleet demand, vehicle availability, and operational trends, with Power BI KPI dashboards.
- Developed a Python, SQL, and MySQL-based Auto DMS inventory system with REST APIs and a real-time dashboard for inventory, sales, and demand analysis.

EDUCATION

M.S., Management Information Systems | Cleveland State University, Cleveland, OH

Jan 2024 - Dec 2025

CERTIFICATIONS

- Foundations of Project Management - Google/Coursera
- Inventory Management - HP LIFE
- Advanced Excel - College Course Workshop
- SAP ERP Fundamentals - College Course Workshop
- Business Analysis Foundations - College Course Workshop