

NITIN A NAVALI

Supply Chain Consultant with over 5+ years of experience in supply chain consulting, last mile logistics and public infrastructure projects. Driving business insights across industries through data-driven decisions that enhances overall operational excellence.



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Domain Skills

- Supply Chain Network Design
- Cost to Serve Analytics
- Inventory Planning
- Capacity Planning
- Supply Chain Finance

Technical Skills

- MS Office
- SQL, Python
- Power BI, Tableau
- KNIME, Alteryx
- Supply chain modelling tools – SCDE (Internal), Optilogic, SCGx, AIMMS, Lyric

On-the-Job Skills

- Problem Solving
- Analytical
- Teamwork

Education

- **B.Tech Civil (Transportation) Engineering 2015-2019**
Indian Institute of Technology Madras. CGPA: 8.78/10
- **Undergraduate Research Intern**
Purdue University, USA 2018

Relevant Coursework

- Supply Chain Analytics (SC0x) - MITx Supply Chain Management MicroMasters
- Network Optimisation - Coupa

Professional Experience

Consultant | NTT Data (prev. Chainalytics) | October 2022 - Present

Tackled complex supply chain problems across diverse industries and global markets, delivering data-driven recommendations and driving operational excellence. Currently leveraging GenAI to build automated ETL pipelines and productising various offerings.

Last mile retail distribution strategy for leading retailer in India (Grocery, Apparels, Electronics)

- Devised **last-mile GT/MT distribution strategy** for major cities across India based on transportation and warehousing costs and serviceability constraints
- Conducted **secondary research** to identify **potential warehouse locations** in suburban area with real estate cost estimates
- Created BI dashboards for monitoring warehouse operations KPIs
- Identified and recommended **data-driven cost-saving opportunities** based on transactional data across demand and supply planning and operations

Supply Chain Network Design Engagements for leading manufacturers across industries and markets

- Collected and validated enterprise master and transaction data and secondary data
- Undertook **demand segmentation and SKU profiling**, including ABC and XYZ
- Developed **Digital Twin network model** to run Baseline and What-if scenarios with appropriate product and customer aggregations
- Built **regression models** to evaluate greenfield based transportation and warehousing costs
- Performed **cost to serve analytics** to identify cost saving opportunities
- **Built interactive dashboards** to analyze numerous scenarios and recommend insights

Associate Consultant | Locus | March 2022 - October 2022

- Engaged in Supply Chain Network Design for manufacturers and distributors
- Leveraged the in-house **last-mile vehicle routing platform** to build multi-stop transportation model and devise optimal network configuration and fleet management strategies
- Performed **Center of Gravity Analysis** using **clustering algorithms** to determine optimal number and locations for distribution facilities, while **adhering to service level** requirements
- Evaluated **logistics and warehousing costs** across multiple What-If scenarios to find the cost optimal end-to end supply chain network

Associate | Ernst & Young | July 2019 - February 2022

Part of logistics and public infrastructure team, engaged in financial and economic analysis of large-scale infrastructure projects under varied financing models including PPP.