

# Gourav Singh Chauhan

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## Education

### Master of Science, Industrial Engineering

Northeastern University, Boston

May 2024

- **Relevant Coursework:** Supply Chain Engineering, Operation Research, Data Mining, Engineering Probability and Statistics, Computation and Visualization of Data, Product development for Engineers
- **Academic Project 1: Maximization of Blue bikes profit**
- To optimize the overall profit of blue bikes by considering the Fixed and variable cost per trip, monthly membership cost and maintenance cost of blue bikes of all dock stations available in every part of Boston. The model has been solved using **AMPL** Modelling, sensitivity Analysis and the code was written in **Python**
- **Academic Project 2: Analysis and Visualization of Netflix data**
- The overall aim of the project is to Analyze and Visualize the viewing habits and preferences of Netflix users to understand how the platform content is consumed with the help of **Tableau** dashboard and tree map

### Bachelor of Technology, Mechanical Engineering

Oriental university, India

June 2017

- **Relevant Coursework:** Operations Management, Total Quality Management, Manufacturing Engineering

## Skills and certifications

**Data visualization:** Tableau, Minitab, SQL

**Language & Software:** Advanced Excel (Pivot Tables, VLOOKUP, VBA Macros), Python, SolidWorks

**Competencies:** Lean Six Sigma, SAP/ERP, KPI, SKU, Root Cause Analysis, 5S, Kaizen, MRP, Logistics Management

## Work Experience

### Supply chain Engineer

November 2018 – March 2022

Global Star Auto (Dealership of Mercedes Benz passenger vehicle), New Delhi INDIA

- Managed **ERP** system for Parts department and forecasted Material requisition for cost estimation, resulting in cost saving of \$10,000 and identified opportunities for optimization
- Defined and tracked key performance indicators (**KPIs**) for processes and analyze KPI data to identify areas for improvement resulting in 15% increase in production efficiency and 20% decrease in process lead times
- Prepared technical reports and documentation on standard operating procedure and perform data analysis using **Tableau** to visualize the monthly frequency of vehicles to minimize reoccurring problems by 10%`
- Conducted market research and competitive analysis using data-driven approaches to inform business strategies and Stay updated on automotive industry trends and emerging technologies
- Assisted the quality assurance team in conducting final inspections and quality control activities for vehicle by using FMEA, Plan-Do-Check-Act (PDCA Cycle), resulting reduction in repetition by 20%-30% annually
- Performed the Pre-Delivery Inspection (PDI), Coordinated the supply chain operations and plan the final shipment of vehicle according to the customer requirements by using lean techniques Kaizen and 5S principles
- Effectively managed and forecasted the inventory of parts by using data analysis and coordinated with the stakeholders to manage the supply chain operation of parts to ensure a smooth and efficient service process

### Operation Executive

October 2017 - August 2018

RIVIGO Logistics, Pune INDIA

- Led the implementation of a cutting-edge Shipment Tracker and ERP system within the Operations Team, driving seamless integration and efficiency gains
- Conducted thorough analysis of the company space to optimize the utilization of space and manage inventory for keeping the units of different company using SKU level planning
- Managed relationships with vendors and suppliers, negotiating contracts and ensuring timely and cost-effective deliveries
- Oversee inventory levels, including procurement, storage, and distribution to minimize excess or stockouts