

NAGA SAI SUNDEEP MANEPALLI

+1 617-602-7721 | manepalli.n@northeastern.edu | [linkedin.com/in/naga-sai-sundeepp/](https://www.linkedin.com/in/naga-sai-sundeepp/)

SUMMARY

Analytical and impact-focused Data Professional with proven expertise in SQL, Python, and data visualization platforms like Power BI and Tableau. Adept at transforming raw data into clear, actionable insights that drive business growth and operational efficiency. Experienced in building automated reporting systems, conducting in-depth analyses, and supporting strategic decisions across cross-functional teams. Committed to fostering a data-driven culture and delivering solutions that scale with business needs.

WORK EXPERIENCE

NORTHEASTERN UNIVERSITY

Boston, USA

Operations Manager

Feb 2024 – Mar 2025

- Managed **daily operations**, overseeing logistics and inventory control, resulting in a 20% decrease in stock discrepancies and a 30% boost in order accuracy.
- Led a cross-functional team of 10+ to streamline operations, **improving workflow efficiency** by 15% and reducing processing time by 10 hours per week.

BLACKBUCKS ENGINEERS PVT.LTD

Hyderabad, India

Product Analyst Intern

Sep 2021 – Apr 2022

- Analyzed **1,000+** market data points to identify trends and product gaps, leading to a **15% expansion** in the service portfolio with three new product features.
- Audited and cleaned **50+ datasets**, improving **data accuracy to 98%** and ensuring regulatory compliance, minimizing reporting discrepancies by **30%**.
- Monitored and analyzed **500+ system logs** to enhance data security and compliance with **12 critical regulatory standards** in the education sector, reducing system vulnerabilities by **25%**.
- Provided data-driven insights to cross-functional teams, streamlining decision-making processes and resulting in a **10% improvement in operational efficiency**.
- Designed and implemented automated reporting dashboards using **Power BI and SQL**, reducing manual data processing time by **30%** and **improving data accessibility for stakeholders**.

PROJECT EXPERIENCE

Automotive Market Analysis

- Built a Power BI dashboard analyzing 20+ years of automotive trends (2000-2023) across 10+ brands and multiple fuel/transmission types, improving decision efficiency by 25% and enriching data with real-time web-scraped sources using Python.
- Applied machine learning techniques (feature engineering, clustering, AI-enhanced recommendations) to analyze 95.3% of the dataset, increasing predictive modeling accuracy 5% and driving strategies pricing and segmentation insights.
- Enabled stakeholder insights into consumer preferences based on engine size, mileage, and ownership trends, improving marketing alignment across vehicle categories.

Retail Sales Analysis

- Developed Python-SQL ETL pipelines and AI-powered dashboards for real-time retail analytics, reducing data processing time by 40% and reporting time by 20%, while flagging anomalies with AI-assisted detection.
- Boosted sales forecasting accuracy 25% using regression and GLM models; applied clustering to optimize inventory across stores, aisles, and departments, enabling smarter stock decisions.
- Delivered executive-level visualizations combining historical trends and predictive outputs, enhancing strategic retail planning and store-level performance monitoring.

SKILLS

- Languages and Tools:** Python, R, SQL (PostgreSQL, MySQL), MS Excel, SAP, JIRA
- BI & Visualization:** Power BI, Tableau, Qlikview, Looker, AWS QuickSight, Spotfire
- Data and ML:** Regression, Clustering, Forecasting, NLP, Deep Learning, GLM's, Predictive Modeling, Time Series
- Cloud & Big Data:** AWS (S3, Glue), Azure, Apache Spark, Hadoop
- Certifications:** Google Data Analytics | Python for Data Science and ML | The Complete Power BI | BigQuery & Looker

EDUCATION

Master of Science, Analytics

Northeastern University

Boston, MA

Mar 2025

Master of Technology, Engineering Management

Manipal University

Manipal, India

Aug 2022