

# Meghana Lakshminarayana Swamy

New York City Metropolitan Area | meghana.drlnswamy@gmail.com | (203) 909-1646 | LinkedIn | GitHub | Portfolio

Master's student in Business Analytics with strong analytical and problem-solving skills. Experienced in working with data to support decision-making, reporting, and business insights. Motivated to apply technical and analytical skills in real-world business environments, with a continuous learning mindset. Approaches problems methodically, with an emphasis on understanding business context, stakeholder needs, and practical impact.

## EDUCATION

**University of New Haven** | West Haven, CT, USA

Master of Science in Business Analytics

Aug 2024 – May 2026

GPA: 3.81/4

**B M S Institute of Technology & Management** | Bengaluru, India

Bachelor of Engineering in Information Science

Aug 2019 – May 2023

GPA: 3.3/4

## CERTIFICATION

- Entry Certificate in Business Analysis (ECBA) – International Institute of Business Analysis (IIBA) | 2026

## TECHNICAL SKILLS

- Languages/Tools:** R, Python, GitHub, Advanced Excel, Visual Studio, MS Office, AutoML (H2O.ai)
- Data & Database Management:** T-SQL, Oracle SQL, SSMS, Oracle APEX, Integration Services, ETL, OLAP, SSRS
- Analytics & Visualization:** Power BI, Tableau, R, ETL Workflows, Data Modeling, Data Warehousing
- Collaboration tools:** Microsoft Office Suite (Word, PowerPoint, Outlook), SharePoint, JIRA, GitHub
- Core Competencies:** Data Management, Report Development, Troubleshooting, Documentation, User Support, Quality Assurance
- Coursework:** Data Engineering, Data Warehousing, Data Visualization, Python, AutoML (H2O.ai), Hypothesis Testing, ANOVA, ChiSquare, Linear & Multiple Regression, Decision Trees

## PROFESSIONAL EXPERIENCE

**DAE, New Haven | Data Administrator | INTERN**

Jan 2026 – Present

- Administer PowerSchool SIS to maintain accurate student records across enrollment, attendance, schedules, grades, and demographics.
- Build internal dashboards and reports using Oracle APEX and SQL queries to support program operations, compliance reporting, and data-driven decision-making.
- Wrote optimized SQL queries and automated report workflows to improve data retrieval efficiency and ensure consistent dashboard updates for stakeholders.
- Employed: PowerSchool SIS, Oracle APEX, SQL, Excel, Power BI/Tableau, Data Cleaning, Data Integration, Reporting, Dashboard Development, Documentation.

**Teaching Assistant | University of New Haven**

Aug 2025 – Present

- Assisting professors in the Business Analytics program with teaching, academic support, and curriculum-related tasks.
- Supporting classroom instruction by guiding students in R programming as part of the Business Analytics curriculum.
- Employed: R, Excel, Power BI, Statistical Analysis

## PROJECT EXPERIENCE

**Food Insecurity Dashboard – Capital Area Food Bank (CAFNB) Dataset | Downtown Evening Soup Kitchen**

Sept 2025 – Oct 2025

- Analyzed data on hunger from the District of Columbia - Maryland - Virginia (2014-2015) using Excel to measure the pounds needed, distributed and unmet.
- Built interactive visuals and KPIs (coverage %, FI rate) to track food insecurity trends.
- Presented insights identifying priority regions for improved resource allocation.
- Employed: Power BI, MS Excel, SharePoint, KPI Reporting, Data Cleaning

**Port Authority Bus Terminal Passenger Prediction | University of New Haven**

Feb 2025 – May 2025

- Analyzed passenger flow and mechanical reliability trends using SQL, R, and Power BI.
- Integrated MTA, weather, and traffic datasets to forecast passenger demand for 2025–2030.
- Built an interactive Power BI dashboard visualizing forecasts, carrier performance, and failure risks.
- Employed: Power BI, SQL, R, Automation, Time-Series Forecasting

## LEADERSHIP & ACTIVITIES

**Cross-Disciplinary Case Competition - 2nd Place Winner | University of New Haven**

Oct 2025 – Nov 2025

- Competed in the Walmart Workforce Optimization, Karya Ethical Data for AI, and Ørsted People Positive cases, presenting data-driven solutions balancing efficiency, ethics, and community impact. Delivered strategic insights and dashboards to support recommendations.
- Employed: Research and Analysis, Presentation Skills, Team Collaboration, Strategic Thinking, Data Interpretation