

Meghana Lakshminarayana Swamy

West Haven, CT | mlaks2@unh.newhaven.edu | (203) 909-1646 | LinkedIn | GitHub | Portfolio

Master's in Business Analytics student with a strong foundation in data interpretation, visualization, and business problem-solving. I aim to apply my technical expertise and analytical mindset to uncover insights that support strategic and data-driven decision-making. Skilled in tools such as Power BI, Excel, SQL, and R, I enjoy translating complex data into actionable stories that drive measurable outcomes. I'm committed to continuous learning and professional growth, seeking an opportunity to contribute to a forward-thinking, data-focused organization.

EDUCATION

University of New Haven | West Haven, CT, USA

Master of Science in Business Analytics

Honors/Awards: Dean's Scholarship

Aug 2024 – May 2026

GPA: 3.72/4

B M S Institute of Technology & Management

Bachelor of Engineering in Information Science and Technology

Bengaluru, India

TECHNICAL SKILLS

- **Technical Skills:** R, SQL (T-SQL), SSMS, Advanced Excel, ETL, Data Transformation, Data Modeling, MS Office (Word, PowerPoint, Excel, Outlook), GitHub, Visual Studio, SSRS
- **Analytics & BI Tools:** Power BI, Tableau, KPI Reporting, Performance Metrics Dashboards, Data Visualization, Data Warehousing, OLAP, SSRS, Reporting Automation
- **Collaboration tools:** Microsoft Office Suite (Word, PowerPoint, Outlook, Access), SharePoint, JIRA, GitHub
- **Core Competencies:** Analytical Thinking, Data Validation, Documentation & Process Tracking, Report Development, Troubleshooting, Stakeholder Collaboration, Time Management, Attention to Detail
- **Coursework:** Data Engineering, Data Analytics concepts like Hypothesis Testing, ANOVA, ChiSquare, Linear & Multiple Regression

PROFESSIONAL EXPERIENCE

Data Analyst Intern | Downtown Evening Soup Kitchen, New Haven

Nov 2025 – December 2025

- Working with the Data Administrator to analyze datasets from the Thanksgiving Food Distribution Drive, identifying trends and areas for improvement.
 - Examining data on food quantities, volunteer participation, and distribution efficiency to determine how many additional volunteers are needed and how resources can be optimized.
 - Contributing to data-driven recommendations that support better planning and operational decisions for upcoming community programs.
- Employed: Excel, Data Analysis, Reporting, Resource Planning

Teaching Assistant | University of New Haven

Aug 2025 – Present

- Supported data-focused coursework by guiding students in analytical methods using R, improving clarity in interpreting results and reporting.
- Assisted with preparing learning materials, documenting processes, and maintaining accuracy in grading and academic reporting.
- Collaborated with faculty on academic tasks requiring organization, attention to detail, and effective communication.

Student Worker | Sodexo, University of New Haven

Aug 2025 – Present

- Performed duties in a high-pressure environment while maintaining accuracy, prioritizing tasks, and ensuring smooth daily operations.
- Demonstrated accountability, teamwork, and customer communication in fast-paced work settings.

PROJECT EXPERIENCE

Port Authority Bus Terminal Passenger Prediction | University of New Haven

Feb 2025 – May 2025

- Conducted predictive analysis on passenger flow and equipment reliability using SQL, R, and Power BI to identify operational patterns and peak-demand periods.
- Merged MTA, weather, and traffic datasets to build time-series forecasts for passenger volumes from 2025–2030, improving demand planning accuracy.
- Designed a Power BI dashboard to visualize forecasts, carrier efficiency, and maintenance trends, supporting data-driven transportation planning.

Food Insecurity Dashboard (CAFB Dataset) | Downtown Evening Soup Kitchen, New Haven, CT

Sept 2025 – Oct 2025

- Analyzed the Capital Area Food Bank (CAFB) dataset covering DC, Maryland, and Virginia to evaluate hunger patterns and distribution efficiency using Excel.
- Created interactive KPIs and dashboards (Coverage %, FI Rate, Unmet Pounds) to track progress and highlight high-need regions.
- Delivered insights that guided strategic allocation of food resources and improved operational decision-making for community outreach programs.

VOLUNTEERING EXPERIENCE

Downtown Evening Soup Kitchen | New Haven, CT

- Streamlined data entry, reporting accuracy, and dashboard automation to enhance operational transparency and program impact tracking.