

# Meghana Lakshminarayana Swamy

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

Master's in Business Analytics student with strong analytical expertise. I am eager to apply my technical and analytical skills to solve complex business problems and drive data-informed decision-making. I am committed to continuous learning and professional development, and I am seeking a role where I can contribute to a data-driven organization.

## EDUCATION

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

*Master of Science in Business Analytics*

Aug 2024 – May 2026

GPA: 3.72/4

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

*Bachelor of Engineering in Information Science*

Aug 2019 – May 2023

GPA: 3.3/4

## TECHNICAL SKILLS

- **Languages/Tools:** R, GitHub, Advanced Excel, Visual Studio, MS Office
- **Data & Database Management:** T-SQL, SSMS, Visual Studio, 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, Data Analytics concepts like Hypothesis Testing, ANOVA, ChiSquare, Linear & Multiple Regression, Decision Trees

## PROFESSIONAL EXPERIENCE

**Downtown Evening Soup Kitchen (DESK), New Haven (NGO)** | **Data Analyst** | VOLUNTEER

Aug 2025 – Nov 2025

- Analyzed operational and financial datasets to identify reporting variances and improve accuracy by 25%. Developed Power BI dashboards to visualize key budget and performance metrics, strengthening data-driven planning and workflow transparency.
- Employed: Power BI, Excel, SQL, Budget Variance Analysis, Reporting Automation, Workflow Documentation

**9th Annual Cross-Disciplinary Case Competition | University of New Haven**

Oct 2025 – Nov 2025

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

**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.
- Contributing to professors' academic work, including preparation of learning materials, grading assistance, and research-related tasks.
- Employed: R, Excel, Power BI, Statistical Analysis

**Student Worker | Sodexo, University of New Haven**

Aug 2025 – Present

- Managed documentation, logs, and record retention processes for daily operations, ensuring compliance and accuracy.
- Maintained high-quality communication and organizational discipline in a fast-paced work environment.
- Employed: Excel, Microsoft Office Suite, Documentation, Workflow Optimization

## 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

**S&P 500 Performance and Risk Analysis | University of New Haven**

Oct 2024 – Dec 2024

- Created a Power BI dashboard to analyze S&P 500 Performance and Risk, empowering data-driven investment decisions.
- Visualized key metrics (10-year/ 52-week change, Beta, Profit Margin, Yield) to identify top-performing sectors and assess risk exposure.
- Employed: Power BI, SQL, R, Measures, Calculations