

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

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

- **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

University of New Haven | West Haven, CT

Student Worker at Sodexo

Aug 2025 – Present

- Operate within a fast-paced team environment, balancing accuracy, speed, and customer interaction while managing point-of-sale systems
- Demonstrate accountability and professionalism in daily operations, strengthening time management and task prioritization.

Teaching Assistant

- 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.

PROJECT EXPERIENCE

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.

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.

Food Insecurity Dashboard – Capital Area Food Bank (CAFB) 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.

COURSEWORK AND CERTIFICATIONS

- **R for Data Science-Analysis and Visualization:** Covered the fundamentals of R and RStudio for data modeling, visualization, and statistical analysis using real-world datasets.
- **Learning Excel 2019:** : Learned core Excel 2019 skills including creating workbooks, using formulas, formatting data, inserting charts, and organizing information for accurate and user-friendly spreadsheets.
- **Tableau Certified Data Analyst Cert Prep:** Learned data preparation, analysis, and visualization using Tableau, including content publishing on Server and Cloud platforms

VOLUNTEERING EXPERIENCE

- Volunteered with Downtown Evening Soup Kitchen (DESK), New Haven, streamlining data entry and resolving website issues, improving record accuracy and reducing reporting time by 20%.