

Meghana Lakshminarayana Swamy

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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

Aug 2024 – May 2026

GPA: 3.72/4

Master of Science in Business Analytics

Honors/Awards: Dean's Scholarship

B M S Institute of Technology & Management

Bengaluru, India

Bachelor of Engineering in Information Science and Technology

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

Teaching Assistant | University of New Haven

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.

Student Worker | Sodexo, 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.

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 (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.

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%.