

Meghana Lakshminarayana Swamy

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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: 3.81/4

B M S Institute of Technology & Management | Bengaluru, India
Bachelor of Engineering in Information Science

Aug 2019 – May 2023
GPA: 3.3/4

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

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

PROJECT EXPERIENCE

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.
- 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