Meghana Lakshminarayana Swamy

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SUMMARY

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   *Aug 2024 – May 2026*
Master of Science in Business Analytics   *GPA: 3.72/4*
Honors/Awards: Dean's Scholarship

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

SKILLS

- **Languages/Tools:** R, GitHub, Advanced Excel, JIRA, Visual Studio, Power BI, Tableau, MS Office
- **Web Design/Management:** Basic HTML, CSS, JS, content updates
- **Database Management:** T-SQL, SSMS, Visual Studio, Integration Services, ETL, OLAP, SSRS
- **Concepts:** ETL workflows, Data modeling, Data pipelines, Data Warehousing, Data Engineering
- **Coursework:** Data Engineering, Data Warehousing, Data Visualization, Data Analytics concepts like ANOVA, Chi-Square, Linear & Multiple Regression, Decision Trees

PROFESSIONAL EXPERIENCE

University of New Haven | West Haven, CT   *Aug 2025 – Present*
Student Worker at Sodexo

- 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 three 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.

ACADEMIC PROJECT EXPERIENCE

Visual Sales Dashboard – AdventureWorksDW2022 | University of New Haven   *March 2025 – April 2025*

- Developed an end-to-end data analytics solution to address a business request, utilizing AdventureWorksDW2022 (by Microsoft Learn) as the data source.
- Cleaned and transformed data using SQL Server Management Studio (SSMS), focusing on dimensions such as Customers, Products, Dates and Internet Sales
- Built an interactive Power BI dashboard to analyze Product Sales, Customer Segments, and Performance against Budget, enabling stakeholders to derive actionable insights.

SP 500 Performance and Risk Analysis | University of New Haven   *Oct 2024 – Dec 2024*

- Created a Power BI dashboard to analyze SP 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.

COURSEWORK AND CERTIFICATIONS

- **R for Data Science-Analysis and Visualization:** Coveredthe 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 prep, 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%.