**PROFESSIONAL SUMMARY**

Master’s student in Data Science with a solid foundation and expertise in Statistical analysis, Machine Learning, data Visualization, Data Analysis. Demonstrated proficiency in programming languages such as Python, SQL, HTML, statistical modeling, and tools like Power BI, ETL, Entra ID, Putty, AWS. Eager to leverage cutting-edge machine learning and data science methodologies to address complex challenges in the data science field. Actively seeking opportunities to translate academic research into impactful solutions in a dynamic, data-driven environment.

**Core competencies:**

**Data Science & Machine Learning:** ▪ Statistical Analysis ▪ Predictive Modeling ▪ Big Data Analytics

**Programming & Tools:** ▪ Python ▪ SQL ▪ C ▪ AWS ▪ HTML

**Data Analysis & Research:** ▪ Data pipelines ▪ Matplotlib ▪ Numpy ▪ Pandas

**Data &AI Product Management:** ▪ Cloud Computing ▪ Data Engineering ▪ Data Visualization ▪ Data Analysis ▪ Business Planning ▪ Machine Learning

**EDUCATION**

**Tagliatela College of Engineering, University of New Haven ▪ West Haven, CT** August 2024 (expected 2026)

*Master of Science in Data Science*

* **Coursework:**  
  ▪ Machine Learning ▪ Big Data ▪ Data Visualization ▪ Deep Learning ▪ Natural Language Processing (NLP) ▪ Leadership in Data & AI Products ▪ Data Ethics ▪ Data Engineering etc.
* **Graduate Assistant:**  
  ▪ Sem 1/2024- Accessibility GA, ARC: Assisted in teaching courses on Physics and Mathematics
* **Tools:**  
  ▪ Python ▪ SQL ▪ TensorFlow ▪ Hadoop ▪ Tableau ▪ AWS ▪ Matplotlib ▪ Power BI ▪ Git ▪ Scikit-learn

**PROFESSIONAL EXPERIENCE**

**University of New Haven ▪ West Haven, CT** August 2024-present

*Accessibility Graduate Assistant & Notetaker, Student Services / Accessibility Resource Center (ARC)*

* Provided academic assistance to students with disabilities by providing notetaking, scribing, reading, and exam proctoring assistance, including working with braille and braille printers.
* Assisted visually impaired students in physics lectures and labs, by taking notes, guiding through course material, addressing queries, guiding experiments, and operating lab equipment to ensure participation and comprehension.

**Kyndryl ▪ Noida, Uttar Pradesh, India** May 2021- August 2024

*Technical and Security Systems Associate, [Luminor Group AS/Alstom Group / Identity & Access Management (IAM)*

* Analyzed and processed large datasets using Python, PowerShell, SQL, and Excel for automated onboarding/offboarding processes and extracted bulk user lifecycle data for generating actionable insights.
* Identity & Access Management: Implemented and maintained IAM solutions, including user access controls, RBAC, MFA, and SSO for enhanced security. Developed dashboards and visual reports to monitor user lifecycle trends, access patterns, and compliance metrics.
* ETL-Extracted data from various sources, transformed it by cleaning, formatting, and applying necessary modifications to meet the requirements, then loaded the processed data into database tables for further analysis and reporting.
* Collaborated with cross-functional teams to implement data-driven solutions and created comprehensive technical documentation and training materials that enhanced team performance with 15+ staff, which enhanced team proficiency by 20%.
* Worked on implementing encryption techniques to protect sensitive data, in cloud environments. Worked with Unix servers for user and group creation & management, enabling efficient access management, ensuring compliance and improving data security.
* Utilized SQL, Python, Power BI, Excel and PowerShell scripting to automate data workflows. Gained hands-on experience with IAM tools like IBM Secure Verify Governance Tool, Microsoft Entra, UAT, Privileged Access Management (PAM) Core, Confluence.

**DATA & AI PROJECTS AND PORTOFOLIO**

**University of New Haven ▪ West Haven, CT**  August 2024–Present

*Master of Science in Data Science/Tagliatela College of Engineering*

**▪ Airbnb Data Analysis** – Analyzed Airbnb data using Python (Pandas, NumPy, SciPy) for EDA, built visualizations (Matplotlib, Seaborn), and extracted insights on high-demand areas, pricing, and seasonal trends. Developed a predictive model to forecast rental prices based on location, amenities, and customer ratings, improving accuracy in pricing recommendations.

**HCL Technologies ▪ Noida, UP, India**

*Internship at HCL*

* **CRM System:** Developed a CRM dashboard, focus on customer insights, and enterprise-level implementation in a collaborative team. CRM System.

**PROFESSIONAL PORTFOLIO ▪ West Haven, United States**

* Data & AI Projects | Data Science, Machine Learning, Data Analysis & Visualization, Data Engineering  
  ▪ Access my professional portfolio:

**CERTIFICATIONS**

**Data Science Foundations: Data Engineering** *LinkedIn* January 2025

**HTML Essential Training** *LinkedIn* February 2025

**Python: Working with REST and Web Data** *LinkedIn* February 2025

**Microsoft Azure Security Technologies: IAM** *Kyndryl, India* May 2024

**Google Cloud Essentials Certified** *IBM, India* September 2023

**LANGUAGES**

**English**

**Hindi**