Molly Varrenti

Boston, Massachusetts

(585) 626-8656 | mollyvarrenti@gmail.com | Availability: May 2026 (full-time)

EDUCATION

Northeastern University, Boston, MA - Khoury College (BS) & D'Amore McKim (BA)   **Boston, MA, May 2026**
Bachelor of Data Science and Business Administration with a concentration in Marketing Analytics

- Advanced Programming with Data, Accounting (Financial and Managerial), Database Design, Discrete Math, Marketing, Quantitative Analysis of Consumer Data, Visualization Presentation, Machine Learning, Data Storage and Retrieval
- Dean's List, RISE Research Conference, Women in Technology, Women in Business, Member of Delta Zeta Sorority

TECHNICAL SKILLS

- Python, Pandas, R, SQL, Tableau/Power BI (BI Tools), Snowflake, Power Automate, GitHub, HTML, CSS, IDE Platforms
- Proficient in PowerPoint (slide design), Advanced Excel, Advanced Power BI

RELEVANT WORK EXPERIENCE AND ACADEMIC PROJECTS

Keurig Dr. Pepper   **Boston, MA, July 2025-May 2026**
Quality Systems Co-Op (requested to stay on part-time)

- Migrated Excel/SQL data sources to Snowflake and built robust DAX models to refine scalability, data integrity, and insights
- Built a centralized SharePoint intake system using Power Apps/Automate to streamline data collection and project tracking
- Designed/developed interactive dashboards to visualize key metrics/trends, improving reporting efficiency and decision-making
- Identified and reduced non-value-added activities using Lean '8 Wastes' principles, saving time across key workflows
- Presented Power BI Dashboards to senior leadership and KDP town halls to drive data informed decisions and implementation

Wood Mackenzie   **Boston, MA, July 2024-December 2024**
Energy Consulting Co-Op

- Advised clients (banks/developers) on renewable energy investments, conducting research and data collection
- Organized data in Excel, Python for cleaning, generated visuals with ThinkCell, and dashboard creation- PowerBI

RISE Research; *An Analysis of AI Curricula Among Boston-Based Colleges | Python*   **Boston, MA, Spring 2025**

- Conducted comparative analysis of Intro to AI or ML courses across Boston-based colleges and universities
- Used Sankey diagrams and Cosine Similarity to illustrate findings in AI/ML intro courses among Boston institutions
- Developed recommendations for curriculum improvements based on identified gaps and trends in AI education

Which LLM is the Best at Writing Code | Python, HTML, CSS, JavaScript   **Boston, MA, Spring 2025**

- Built/developed an interactive data visualization site using HTML, CSS, JavaScript, and Altair to compare LLM performance
- Researched and evaluated large language models (gpt-4o, o3-mini, Copilot) by generating a custom dataset of python coding problems and analyzing execution time, code length, and accuracy model output, hosted final project on GitHub Pages

Personal Website Creation | HTML, CSS, JavaScript, https://mvarrenti.github.io/my_website/   **Boston, MA, Spring 2025**

- Developed/designed a responsive personal website using HTML (structure), CSS (style), and JavaScript (interactivity)
- Coded entirely in VS Code and applied front-end development best practices to create a clean, user-friendly interface

LINKS

- Github, LinkedIn, Personal Website, DS 4200 Final Project (Spring 2025), Rise Research Poster

INTERESTS

- Pickleball, Baking, Traveling and Experiencing New Cultures, Trying Coffee Shops