**YOUGHEETA KUMARI**

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*Data science graduate with hands-on experience in Python, R, and machine learning. Passionate about applying analytical skills to solve real-world problems and eager to contribute to a dynamic data-driven team*.

**EDUCATION**

**University of Hartford | Master of Science in Business Analytics August 2024 - Present**

Graduation: December 2025

Completed coursework in Managerial Statistics and Analytics, Python for Business Data Analytics, Predictive Modeling, Introduction to Business Analytics, Business Data Mining, Strategic Business Analytics, Coding–Programming Data Science, Data Visualization

**Bahria University | Bachelor of Business Administration 2018-2022**

**Private | A-levels 2015-2016**

Subjects: Accounting, Economics, Urdu

**Private | O-levels 2013-2015**

Commerce

**SKILLS**

**TECHNICAL SKILLS**

* **Enterprise Resource Planning & Financial Modeling:** SAP
* **Statistical Analysis:** Regression, Hypothesis Testing, Forecasting
* **Data Analysis & Visualization Tools:** Power BI, Python, R, SPSS, NVivo
* **Database Management:** SQL

**PROFESSIONAL EXPERIENCE**

**Upper Albany Main Street, Inc. Hartford, CT August 2025 - Present**

***Data Analyst***

* Manage and organize merchant data, converting it into actionable insights through visualization to help the organization prioritize strategies
* Develop interactive dashboards and reports to evaluate program performance, identifying trends and opportunities for improvement.
* Quantify UAMS’s impact on the community and economic development by measuring business growth, participation levels, and program outcomes.
* Translate complex findings into clear, data-driven reports for grant compliance and leadership updates.

**University of Hartford August 2025 – December 2025**

**Data Management Team Lead**

* Leading a project team to build a unified Power BI dashboard integrating merchant, community, and program data.
* Managing real-time SharePoint data pipelines to ensure continuous updates across dashboards.
* Developing stakeholder-specific dashboards for Hartford City officials and UAMS stakeholders to track business growth, program participation, and economic indicators.
* Standardizing data templates and reporting protocols to strengthen organizational data strategy.

**Upper Albany Main Street, Inc. — Hartford, CT  
*Data Research & Development Associate* June 2025 – August 2025**

* Delivered **6+ bi-monthly reports** with strategic insights used in board meetings.
* Identified **10+ underserved merchant needs** through data analysis, informing program adjustments.
* Supported development of **3 new partnerships** through targeted stakeholder recommendations.
* Contributed to **2 successful grant proposals** worth approximately **$50,000+** in combined funding.

**University of Hartford January 2025 – May 2025**

**Business Analytics Project Team Member**

* Managed a team of **5 students** across **3 departments** in a cross-functional collaboration.
* Designed and implemented a centralized **Power BI dashboard** integrating **4+ internal and external datasets.**
* Reduced reporting time by **40**% through dashboard automation and visualization tools.
* Improved project tracking accuracy by **30%** using structured SharePoint documentation and Microsoft Teams coordination.

**Aslam & Sons March 2022 – July 2023**

***Supply Chain Manager***

* Managed inventory for **500+ SKUs** across hardware and materials.
* Reduced stockouts by **25%** through improved forecasting and supplier coordination.
* Negotiated vendor contracts saving approximately **10% in procurement costs**.
* Oversaw **weekly deliveries** to **15+ retail and customer locations**.

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**Alkaram Textile Mills September 2020 – October 2020**

***Marketing Intern***

* Organized and updated **100+ POs** into Excel for reporting and analysis.
* Rotated across **3 departments** to contribute to cross-functional operations.

**PROJECTS**

**Gender Inequality and Inter-household Economic Inequality in Emerging Economies**

***Python, R Studio***

* Awarded the Dorothy Goodwin Scholars Program scholarship, organized by the Women’s Advancement Department.
* Conducting research to investigate the impact of gender inequality on household-level economic disparities in emerging economies like Pakistan.
* Applying predictive modeling and advanced analytics techniques learned from the Master of Science in Business Analytics program to analyze and derive insights.
* Analyzed 10,000+ household records using World Bank & UNDP datasets.
* Used regression models with 85%+ accuracy to predict inequality trends.
* Leveraging household-level data from reliable sources such as the World Bank and UNDP.
* Mentored by Dr. Ning Jia, Director of Business Data Analytics and Assistant Professor of Business Analytics.

**Financial Analysis of Abbott Company**

***Power BI***

* Sourced and modeled data using Power BI to analyze the financial standing of Abbott.
* Modeled financials covering **5 fiscal years**.
* Identified **3 key areas** for cost optimization, projecting **7–10% savings**.
* Interpreted and studied revenue, profitability, liquidity, and solvency ratios, as well as gross margin and return on investment.
* Created visualizations such as profit and loss statements, balance sheets, and cash flow statements to present financial analysis.
* Recommended actions to optimize financial performance based on insights derived from financial analysis using Power BI.
* Improved financial performance by identifying cost-saving opportunities and recommending process improvements.

**Research on workplace inclusivity and diversity**

***NVivo***

* Conducted research to identify the gaps in workplace diversity and inclusion.
* Interpret data using NVivo software to organize, code, and analyze data with a team of 4 members.
* Analyzed qualitative data from **50+ interviews**.
* Presented findings at **2 university events** with an audience of **100+**.
* Identified themes and patterns to present findings to an audience including professors and peers.
* Generated insights to improve workplace inclusivity in corporate organizations.

**Financial model for transactions**

***SAP Accounting Software***

* Proficient in using SAP accounting software for financial reporting and analysis.
* Generated **monthly financial reports covering 200+ transactions** using SAP.
* Successfully **migrated financial data for 1,000+ entries** from legacy systems to SAP, improving reporting efficiency and accuracy.

**Research on the “Popularity of Digital and Traditional Menus in Pakistani Restaurants.”**

***SPSS***

* Conducted quantitative survey research with 100+ restaurant customers alongside a team of four.
* Organized and analyzed data using SPSS to assess menu preference trends.
* Performed hands-on data cleaning and visualization to generate insights, identifying that 65% preferred digital menus due to convenience and hygiene