Vidhi Arun Sharma
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Professional Summary
Business-savvy analytics grad student at Boston University with hands-on experience driving insights, efficiency, and strategy across data, BI, and operations in fast-paced industries.

Education
• **Boston University,**
Master of Science, Applied Business Analytics | September 2024-Ongoing
• **MIT World Peace University,**
Bachelor of Science, Computer **Science** | August 2019 - October 2022

Skills
Data analytics: Proficient in SQL, Python, R, Tableau, Power BI, MS Excel, SAS, Dataiku, Azure, PostgreSQL; skilled in Agile methodologies, predictive analytics, trend analysis, KPI evaluation, statistical modeling, forecasting, and data storytelling. Familiar with ETL workflows, data pipelines, automation, CRM systems, and enterprise tools like SAP and Salesforce.
Process management: Hands-on experience in operations management, workflow optimization, cross-functional coordination, performance tracking, capacity planning, resource allocation, inventory management, and business process improvement.
Technical Proficiency: Knowledge of full-stack development (JavaScript, HTML, CSS); object-oriented programming (C, C++, Python); software development best practices; version control (Git/GitHub); and cloud computing platforms including AWS.
Soft Skills: Strong communication and interpersonal skills, leadership potential, adaptability, strategic thinking, time management, collaboration, attention to detail, creative problem-solving, customer-centric mindset, initiative, and ability to thrive in high-pressure environments.

Experience
Maharaj multi-systems
Business Analyst | January 2024 – July 2024
- Improved workflow efficiency by 15% through operational data analysis, enhancing decision-making.
- Streamlined data verification, reducing processing errors by 25% and improving data accuracy.
- Strengthened client retention by 30% through prompt inquiry resolution and data-driven insights.
- Collaborated with cross-functional teams to streamline day-to-day operations, improving workflow efficiency and resource utilization across departments.

Pimpri Chinchwad Media Communication
Data Analytics Intern | August 2022 - August 2023
- Reduced resolution times by 20% through efficient troubleshooting and system diagnostics.
- Assisted in deployment cycles, contributing to end-to-end project management, electronics integration, and database management.
- Increased client retention by 40% through solution-oriented communication, customer service and technical support.

Projects
- **New York Real Estate Analysis**
  Description: Led an in-depth time series analysis and multiple regression study on residential real estate sales for a managerial report as a part of academic project, focusing on recognizing sales trends, generating forecasts, and pinpointing predictors influencing sales performance.
  Skills Highlighted: R programming, data analysis, forecasting, regression analysis, predictive modeling, statistical analysis, data visualization, data-driven decision-making, stakeholder presentation, quantitative analysis.
- **Stickley Adhesives Operations Analysis & Process Optimization Report**
  Examined core business processes to identify operational bottlenecks for a course project in Operations Management. Proposed and presented data-driven strategies to optimize workflows, enhance productivity, and minimize delays in a managerial report format for coursework at Boston University.
  Skills Highlighted: Operations management, process optimization, workflow efficiency, strategic planning, KPI analysis, project management, Lean methodology, performance measurement, cost reduction, quantitative analysis, writing skills.
- **Skincare Sales Data Analysis**
  A self-driven passion project inspired by my love for skincare and curiosity about my own spending habits in the beauty industry. This project explores sales trends, consumer behavior, and product demand using data analysis. Developed a detailed report uncovering purchasing patterns, seasonal shifts, and pricing strategies. Currently building an interactive dashboard to visualize insights and optimize beauty spending decisions.
  Skills Highlighted: Data analysis, Power BI/Tableau, SQL, R, Python, statistical modeling, business intelligence, trend forecasting, data visualization, consumer behavior analysis, dashboard development.
- **Job Growth Analysis AI vs Non-AI & Dashboard Deployment**
  A data-driven academic project focused on analyzing the growth of AI-related vs. non-AI jobs across industries in 2024. Using real-time job market data, this project explores employment trends, industry demands, and the evolving role of AI in shaping future workforce dynamics. Currently deploying an interactive dashboard on AWS to visualize key insights and enable easy exploration of job market shifts.
  Skills Highlighted: Data analysis, R programming, statistical modeling, job market forecasting, data visualization, trend analysis, dashboard development, AWS deployment, EC2 instances, Apache spark, workforce analytics.

Certifications
Completed courses in Front-End Development (Meta), HTML, CSS, JavaScript (Johns Hopkins), Python Basics (University of Michigan), CS50x Computer Science (HarvardX), and Introduction to Psychology (Yale).

Volunteer
Youth Empowerment Foundation, Help Social Welfare Society, Sahaas for animals
Led 15+ outreach programs, surpassed fundraising goals by 30%, taught underserved students online, and supported donation campaigns for education, rescue animals and health.