**Vaibhav Gupta**

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**SUMMARY**

Recent graduate with a Master of Science in Business Analytics (University of Hartford, May 2025) and strong experience in data analysis, predictive modeling, and business reporting. Skilled in Python, R, SQL, Tableau, Power BI, and Excel with proven ability to transform complex datasets into actionable insights. Experienced in forecasting, KPI tracking, and dashboard development to support data-driven decision-making. Actively seeking roles as a Business Analyst, Data Analyst, or BI Analyst.

**SKILLS**

* **Technical Skills:**
* **Programming & Analytics Tools:**  
  Python (pandas, matplotlib, scikit-learn), R (ggplot2, caret), SQL, PostgreSQL, Excel (advanced functions, PivotTables, Power Query), Tableau, Power BI
* **Analytics & Modeling Techniques:**  
  Predictive Modeling, Regression, Classification, Clustering, A/B Testing, Feature Engineering, Data Cleaning & Transformation
* **Data Science & Visualization:**  
  Business Data Mining, Data Storytelling, Dashboard Development
* **Soft Skills:**
* Analytical Thinking & Problem Solving
* Communication & Data Presentation
* Strategic Mindset
* Team Collaboration

**EXPERIENCE**

**University of Hartford – Student Manager, Aramark Campus Dining**  
West Hartford, CT | Aug 2023 – May 2025

* Managed operations and supervised a team of 10+ student workers while implementing data-driven scheduling to improve efficiency.
* Oversaw inventory and applied tracking methods to reduce shortages and streamline processes.
* Strengthened leadership, time management, and reporting skills in a fast-paced environment.

**Cognizant Technology Solutions – Business Analyst Associate**

New Delhi, India | Jan 2023 – July 2023

* Partnered with stakeholders to gather requirements and translate them into actionable insights, supporting data-driven decision-making.
* Designed and automated Power BI dashboards and SQL reports, enabling real-time KPI tracking and reducing manual reporting efforts.
* Conducted data analysis and validation that improved reporting accuracy and identified performance gaps for strategic improvements.

**Raadhiya Industries Private Limited – Business Operations Manager**

Jagadhri, India | Sept 2021 – Dec 2022

* Conducted operational analysis using Excel to identify inefficiencies and implement data-backed workflow improvements.
* Designed dashboards for tracking KPIs and operational metrics to support business performance monitoring.
* Collaborated with finance and compliance teams to improve data accuracy, reporting, and decision-making.

**Hindustan Industries – Quality Assurance Intern**

Yamunanagar, India | Jan 2021 – Jun 2021

* Developed and executed test plans, improving quality control through structured data collection.
* Documented and tracked software defects, contributing to more reliable development cycles.

**CERTIFICATIONS**

* **Google Data Analytics Professional Certificate** – Coursera (2024)

Completed an 8-course program covering data cleaning, analysis, visualization, SQL, and R; built capstone projects using real-world datasets.

* **Tableau Desktop Specialist** – Tableau (2024)  
  Demonstrated ability to connect, prepare, and analyze data; created interactive dashboards and applied best practices in data visualization.
* **Microsoft Excel Expert** – Microsoft (2023)  
  Validated advanced proficiency in Excel functions, PivotTables, Power Query, and automation for business reporting.
* **SQL for Data Science** – Coursera (2023)  
  Gained hands-on skills in writing queries, filtering/joining datasets, and applying SQL to business case studies.
* **Power BI Data Analyst Associate** – Microsoft (2025)  
  Certified in building data models, creating interactive dashboards, and delivering business insights with Power BI.
* **AWS Certified Cloud Practitioner** – Amazon Web Services (2025)  
  Gained foundational knowledge of cloud concepts, security, and data storage; applied AWS services for analytics use cases.
* **IBM Data Science Professional Certificate** – Coursera (2025)  
  Completed hands-on projects using Python, SQL, and data visualization libraries; applied machine learning techniques to real datasets.

## **PROJECTS & ACADEMIC WORK**

**Customer Churn Prediction** | Predictive Modeling Course

* Built logistic regression and decision tree models in R to identify churn drivers.
* Conducted data wrangling and visualization using tidyverse and ggplot2.
* Achieved 85% model accuracy and presented results in an interactive dashboard.

**Sales Dashboard Development** | Business Analytics Capstone

* Developed Excel and Tableau dashboards to monitor regional sales performance.
* Applied regression modeling and correlation analysis to forecast monthly sales trends.
* Delivered insights that improved forecasting accuracy and supported strategic planning.

**EDUCATION**

**Master of Science in Business Analytics** {University of Hartford, West Hartford (CT, USA)}

**Graduation Year:** May 2025 | **GPA:** 3.86/4.00

**Relevant Courses:** Predictive Modeling, Strategic Business Analytics, Business Statistics, Data Visualization, Python, SQL, Business Data Mining, Marketing Analytics, Business Analytics Capstone

* Capstone focused on sales forecasting using real-world datasets.
* Hands-on experience in predictive modeling, data mining, and SQL.

**Bachelor of Technology in Computer Science** {M.M. Deemed to be University, Ambala (HR, India)}

Graduation Year: May 2022 | CGPA: 7.68/10.00

* Completed coursework in computer science fundamentals, including data structures, algorithms, and software development methodologies.
* Developed and implemented projects showcasing proficiency in programming languages such as Java, C++, and Python.