

# Pritom Bhowmik

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**Portfolio:** pritom02bh.github.io | **LinkedIn:** linkedin.com/in/bhowmikpritom | **GitHub:** github.com/pritom02bh

## Data Analyst | Business & AI-Focused

### PROFESSIONAL SUMMARY

- MS in Data Science (GPA 3.97) with 3+ years of experience leveraging analytics to drive strategic decisions.
- Expertise in healthcare, customer analytics, predictive modeling, and data visualization.
- Proven success in reducing churn, optimizing operations, and significantly improving ROI.

### SKILLS

- Technical:** SQL, Python, Power BI, Tableau, Excel, Statistical Modeling, ETL Pipelines, AWS, Azure
- Data Skills:** Data Cleaning & Wrangling, A/B Testing, Predictive Analytics, Visualization, Data Storytelling
- Project & Delivery:** Agile (Scrum, Kanban), Sprint Planning, UAT, Risk Management, Budgeting
- Machine Learning & AI:** Deep Learning, Time Series, RAG Chatbot, AI Application, AI Agents
- Interpersonal:** Stakeholder Collaboration, Conflict Resolution, Process Optimization, Adaptability

### PROJECTS

#### Attribution Modeling & Analytics for Digital Marketing Performance

- Increased ROI by 23% and saved \$22K/quarter through cross-channel attribution, and campaign analytics.
- Cut marketing spending by 20% through data-driven budget reallocation across low and high-ROI channels.

#### Weekly Sales Forecasting & Workforce Scheduling Dashboard (Agile Based)

- Managed & developed forecasting project; reducing scheduling gaps by 25%; improved staff allocation.
- Enabled 18% cost savings through demand-aligned shift planning and dashboard-driven decisions.
- Delivered the solution in 3 sprints with Agile ceremonies, backlog refinement, and stakeholder demos.

#### Multi-Agent RAG chatbot for Pharmaceutical Inventory Optimization (MS Capstone Project)

- Enabled 60% faster decisions by coordinating six specialized agents for real-time inventory insights.
- Reduced simulated stockouts by 32% and expired losses by 56% through intelligent multi-agent retrieval.

### EXPERIENCE

#### Data Analyst & BI Consultant

Upwork / Direct Clients (Freelance)

06/2021 – 07/2023

- Led business analysis and KPI design for cross-industry clients, including healthcare and logistics.
- Delivered UAT support and Power BI storytelling, simplifying insights for non-technical stakeholders.
- Improved delivery performance by 17% by building dashboards tracking on-time shipment targets.
- Boosted margin visibility by 15% through price-elasticity modeling and strategic pricing analysis.

#### Technology Project Management Intern

UpKey, Chicago (Remote) | Capstone project sponsored by IE Business School

11/2020 – 05/2021

- Spearheaded sophisticated patient clustering initiative to streamline cancer support access, deploying a 97.4% accurate ML model, earning top 3 ranking for impactful outcomes.

### EDUCATION

Montclair State University, New Jersey, USA

08/2023 – 05/2025

Master of Science (MS) in Data Science, GPA: 3.97/4.0

- Honors:** Alpha Epsilon Lambda Honor Society

Institute of Engineering & Management, Kolkata, India

08/2016 – 07/2020

Bachelor of Technology (B. Tech.) in Computer Science

### PROFESSIONAL DEVELOPMENT & CERTIFICATION

- McKinsey Forward Program 2025 from McKinsey & Company (End: June 2025)
- Business Analytics Bootcamp from ZTM (Completed: 04/2025)