Dhrumi Shah

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EDUCATION

New York University   **New York, NY**
MS in Information Systems (GPA: 3.6)   *Graduation Date: May 2025*
MIT Pune   **Pune, India**
Post Graduate Certificate in Business Analytics (CGPA: 10)   *Graduation Date: May 2023*
University of Mumbai   **Mumbai, India**
Bachelors in Management Studies (CGPA: 9.85)   *Graduation Date: May 2022*

WORK EXPERIENCE

Abbott Laboratories   **New York, NY**
Data Engineer Intern   *June 2024-August 2024*
- Developed executive-level reports and single sources of truth by creating business intelligence dashboards that influenced strategic decision-making across multiple departments.
- Engineered SQL-based analytics pipelines to extract, transform, and visualize key performance indicators, supporting end-to-end analytical solutions for compliance and departmental goal reporting.
- Collaborated with business stakeholders to design and implement dashboards aligned with performance metrics and revenue reporting, reinforcing cross-functional data discovery and operational improvements.

New York University   **New York, NY**
Graduate Assistant - Marketing and Enrollment Management   *March 2024-May 2025*
- Led digital marketing campaigns and email automation strategies that improved prospective student engagement by 40%, increasing application conversions.
- Optimized CRM workflows in Salesforce, reducing processing time by 15% and boosting enrollment by 25%.
- Collaborated cross-functionally with marketing and data teams to analyze user behavior and drive strategic outreach aligned with funnel metrics.

Stern School of Business - New York University   **New York, NY**
Teaching Fellow - Data Science for Business   *January 2025-May 2025*
- Guided 80+ graduate students through analytics frameworks including logistic regression, payoff matrices, and optimization modeling.
- Delivered targeted feedback and clarity on using data for decision-making, skills essential to growth and product marketing.
- Collaborated with the professor to maintain consistency in evaluation and communicate key grading rubrics.

Gemini Exports   **Mumbai, India**
Data Analyst   *July 2021-June 2023*
- Collaborated with senior analysts to develop financial forecasting models and interactive dashboards, improving forecasting accuracy.
- Led data collection, cleaning, and validation processes, reducing data errors by 20% and enhancing strategic decision-making.
- Managed multiple data-driven projects, demonstrating strong prioritization and teamwork skills, which resulted in a 10% improvement in process efficiency.

All In Events   **Mumbai, India**
Business Development Intern   *May 2019-July 2019*
- Developed marketing collateral and client-ready pitch decks, contributing to a 15% increase in client acquisition.
- Executed cold outreach campaigns that improved lead conversion by 20% and enhanced visibility with B2B partners.
- Managed event logistics and post-engagement programming, ensuring high-impact user experience.

ACADEMIC PROJECTS

Healthonomics Index: Forecasting the Financial Impact of Chronic Diseases   *December 2024*
- Conducted regression, clustering, and time-series modeling to evaluate how chronic disease burdens affect mortality and out-of-pocket spending across income groups.
- Leveraged World Bank, WHO, and GBD datasets to segment global healthcare systems, identifying key disparity in funding and access.
- Built visualizations and models that mimic the type of performance reporting Bloomberg Media teams use to track regional health trends and policy impact.

META ML - NYU Rory Meyers and Robothon   *August 2024*
- Built a decentralized P2P fingerprint storage system using Kademlia and integrated it with a Flask-based orchestrator.
- Simulated Apache Fortress RBAC by developing a token-based security layer to restrict API access by role.
- Created multi-node test scripts to validate data propagation and contributed to final report, posters, and architecture.

Real Estate Predictor   *January 2024*
- Built a real estate pricing model using regression and time-series analysis, created interactive dashboards to demonstrate ROI insights, ideal for sales and financial stakeholders. Integrated diverse datasets for precise forecasting, providing actionable insights crucial for strategic planning in the real estate sector.

TECHNICAL SKILLS

Business Competencies: Attention to detail, communication (written and verbal), commercial awareness, discretion with confidential data
Programming & Tools: SQL, Python (Pandas), R, Tableau, Power BI, Excel, HTML, Outlook, AWS, Snowflake, Git, Docker
Data Analysis & Visualization: Financial reporting, compliance tracking, data wrangling, data cleaning, statistical analysis, dashboarding
Project Management: Cross-functional collaboration, agile workflows, stakeholder communication, strategic planning, Strong work ethic, team player, adaptability, multitasking, time management, stakeholder collaboration