

Dhrumi Shah

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EDUCATION

New York University

MS in Information Systems (GPA: 3.6)

New York, NY

Graduation Date: May 2025

MIT Pune

Post Graduate Certificate in Business Analytics (CGPA: 10)

Pune, India

Graduation Date: May 2023

University of Mumbai

Bachelors in Management Studies (CGPA: 9.85)

Mumbai, India

Graduation Date: May 2022

WORK EXPERIENCE

Abbott Laboratories

Data Engineer Intern

New York, NY

June 2024-August 2024

- Developed executive-level reports and business intelligence dashboards for cross-department decision-making.
- Engineered SQL-based analytics pipelines and utilized Python for data wrangling to extract and visualize key performance indicators, supporting compliance and business reporting.
- Collaborated with business stakeholders to design and refine dashboards aligned with performance metrics and revenue reporting goals.

New York University

Graduate Assistant - Data Analyst

New York, NY

March 2024-May 2025

- Managed and processed student applications through Salesforce, maintaining accurate CRM pipelines and improving tracking efficiency.
- Built and optimized enrollment workflows, resulting in a 15% reduction in processing time and a 25% increase in overall enrollment.
- Organized and executed webinars and outreach efforts that improved prospective student engagement by 40%.
- Collaborated with outreach and enrollment teams to track applicant behavior, facilitating data-driven decisions similar to funnel optimization in modern recommendation systems.

Stern School of Business - New York University

Teaching Fellow - Data Science for Business

New York, NY

January 2025-May 2025

- Assisted in grading and providing feedback on data science assignments focused on predictive modeling, including logistic regression, decision trees, and model optimization.
- Supported student learning by clarifying concepts related to machine learning model evaluation and optimization techniques.
- Collaborated with faculty to ensure consistency in evaluation using robust data science methodologies.

Gemini Exports

Data Analyst

Mumbai, India

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

Business Development Intern

Mumbai, India

May 2019-July 2019

- Created client-ready business proposals and competitive intelligence briefs that contributed to a 15% increase in client acquisition.
- Executed cold outreach campaigns via email and phone, improving lead conversion rates by 20% and expanding the event pipeline.
- Supported sales meetings by preparing customized pitch decks and market overviews for prospective B2B clients.
- Coordinated end-to-end logistics for B2B event execution, including vendor management, sponsorship engagement, and post-event follow-up.

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 Kademia 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