

Shubh Shrivastava

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EDUCATION

•Maulana Azad National Institute of Technology, (NIT) Bhopal

December 2021-July 2025

B. Tech. in Materials and Metallurgical Engineering

CGPA: 8.42

WORK EXPERIENCE

•Piramal Finance

July 2025 - Present

Associate Data Scientist - Credit Risk Analytics

Mumbai

- Conducted and designed workflows to enable high throughput AI-enabled ad-hoc analysis of product portfolios, in the capacity of a credit risk analyst
- Designed and trained applications scorecards for customers, with special focus on determining risk basis the collateralized asset. Leading an improvement of **26%** in LGD for owned portfolios.

•Amazon

January 2025 - June 2025

Operations Manager Intern - Outbound and removals

Delhi NCR

- Led process improvements as an Operations Manager Intern at an Amazon Fulfillment Centre, increasing vendor returns **TPH by 18%** through on-floor Kaizens and data-driven dashboard implementation.
- Developed multiple dashboards to simplify operational KPIs into actionables for the operations team by leveraging **SQL ETL processes on Amazon S3 and Redshift** driving a **36%** improvement in the targeted Quality metrics.
- Developed **Excel VBA-based dashboards** to monitor real-time operational performance and automate reporting, reducing the average shift-end reporting time by upto **87.5%**.

PROJECTS

•E-commerce A/B Testing: Conversion Rate Optimization

[E-commerce-AB-testing](#)

Technologies used: Python (Pandas, NumPy, Matplotlib), Jupyter Notebook

- Conducted an A/B test on a large e-commerce dataset to evaluate the impact of a new landing page on conversions, using a **bootstrap-based hypothesis test** to simulate the null distribution and assess statistical significance.
- Calculated p-value ($p = 0.903$) using Monte Carlo simulation, leading to a data-backed recommendation to retain the current design.
- Visualized sampling and null distributions with annotated histograms for dataset more than 30,000+ entries; documented analysis in a structured, reproducible Jupyter Notebook.

•Food delivery customer satisfaction analysis

[Network-Food-Delivery-EDA](#)

Technologies used: Python (Pandas, Seaborn, Geopy, Folium), Jupyter Notebook, PowerBI

- Engineered STAR schema from raw, denormalized dataset of 40k+ food delivery records to support customer satisfaction analysis and inform network scale and city-specific operational strategies.
- Performed geospatial grouping of 400+ restaurants using latitude-longitude binning including **reverse geocoding** with geopy and visualization with folium, implementing cache for optimization.
- Conducted comparative analysis across cities and delivery conditions to derive actionable insights, informing and aligning region-specific strategies for continuous improvement in customer experience with frontline ops teams.

SKILLS

Software Skills: Python, SQL, PowerBI, Excel (including macros)

Computational Skills: Model Training, Feature Engineering, Dashboarding and Automation, Data Engineering

Management Skills: Portfolio Risk Management, KPI tracking, Stakeholder management, Strategic Planning, Process improvement.

POSITIONS OF RESPONSIBILITY

•Executive Committee Member & Aarambh Coordinator

July 2022 – April 2025

IEEE MANIT Student Branch

- Led planning and execution of **8 technical workshops** over the course of 3-year tenure as part of the society's executive committee.
- As **Operations & Logistics Secretary** coordinated with institute authorities to secure necessary infrastructure, ensuring smooth event execution and reducing the operational costs by upto 22%.
- Carefully crafted a media and outreach strategy as **Design Secretary** during pre-final year **increasing technical workshop registrations by 26.3%**.
- Collaborated with edtech leaders such as **GeeksForGeeks**, **Codehelp (Love Babbar)** and **Striver** on workshops and guest lectures, fostering an environment of technical upskilling for **40+ colleges** and **3600+ students** across Bhopal.

•Founding President, Institute for Indian Foundrymen (IIF) Student Chapter

August 2024 - January 2025

•Student Coordinator, Drishtant - The Literary Society of MANIT Bhopal

July 2022 - April 2024