

# SHREYA PANDEY

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Portfolio: [shreya579.github.io/portfolio/](https://shreya579.github.io/portfolio/)

## EDUCATION

Patna University

B.com(Hons.) in Financial Accounting — CGPA : 8.5

Apr 2021 - Apr 2024

Bihar, India

## PROFESSIONAL SUMMARY

Analytical Data Analyst with a track record of converting complex datasets into measurable business outcomes using **Power BI, SQL, Python**, and **Excel**. Experienced in **data wrangling, statistical analysis, and dashboarding** across insurance, e-commerce, crime, and content analytics. Strong at partnering with stakeholders to translate insights into action—improving revenue, reducing risk, and accelerating decision-making through clear visualizations and concise recommendations.

## TECHNICAL SKILLS

- **Data Analytics:** Data Analysis, Business Intelligence, Exploratory Data Analysis (EDA), Segmentation
- **Data Visualization:** Power BI, Excel, Matplotlib, Seaborn, Pivot Tables, DAX, Power Query
- **Programming:** Python, Pandas, NumPy, Scikit-learn
- **Databases & SQL:** MySQL, SQL Server, Joins, CTEs, Subqueries, Window Functions
- **Tools & Platforms:** GitHub, Jupyter Notebook
- **Soft Skills:** Problem Solving, Stakeholder Communication, Critical Thinking, Project Management

## EXPERIENCE

Data Scientist Intern

Learnbay (Learnvista Private Limited), Bengaluru

May 2024 – Present

- Performed **exploratory** and **statistical analysis** on **insurance** and **e-commerce** datasets to identify revenue drivers, customer behavior patterns, and operational bottlenecks.
- Led **Museum Collection Insights** — used **SQL Server** & **Power BI** to clean, transform, and analyze **MoMA collection data** (1929–2024); produced acquisition trends, top-artist/department metrics, and a 2-page executive Power BI dashboard for stakeholders.
- Conducted end-to-end **e-commerce analytics** by merging seven relational tables; designed Power BI dashboards for monthly revenue, cohort retention, customer LTV and seller performance — identified that **84.5%** of transactions were single-purchase customers, informing retention and targeted-promotion strategies.

Data Analytics & Commercial Insights

Quantum Job Simulation – Forage

Apr 2025

- Completed a data analytics simulation, cleaning and analyzing transaction data to produce actionable customer and store insights.
- Designed uplift-testing segments with benchmark stores to assess trial layout impact on sales.
- Delivered concise reports and recommendations to guide pricing, assortment, and layout strategies.

Data Visualization: Business Insights

Tata Job Simulation – Forage

Jun 2025

- Built executive-ready visualizations, translating business questions into actionable dashboards for senior leadership.
- Prepared targeted discussion questions and slide-ready visuals to support decision-making by the client's leadership team.
- Focused on visual storytelling, KPI definition, and dashboard usability for quick executive consumption.

## PROJECTS

E-Commerce Delivery & Review Analysis – SQL, Power Bi, DAX | GitHub: [\[Link\]](#) |

- Analyzed **Brazilian e-commerce data** in **SQL & Power BI** to assess delivery timeliness, review scores, and category-wise revenue. Identified that the top 5 categories generate **~65%** of revenue, delays >7 days significantly reduce review scores, and revenue is concentrated in Southeast states. Recommended targeted logistics improvements and retention strategies for high-value segments.

Credit-Risk-Profiler – Power BI, Excel, DAX | GitHub: [\[Link\]](#) |

- Built **XGBoost**-based credit risk profiler to classify loan applicants (High/Medium/Low risk), achieving **88.5% accuracy** and **0.91 ROC-AUC**. Developed end-to-end pipeline with **SMOTETomek** balancing, engineered key financial ratios. Delivered risk visualizations, feature-impact insights, and production-ready Python scripts.

## CERTIFICATIONS

- Python for Data Science – IBM ([View Certificate](#))
- Machine Learning with Python – IBM ([View Certificate](#))
- Quantum Data Analytics Job Simulation – Quantum ([View Certificate](#))
- Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation – Tata ([View Certificate](#))