

Aman Debnath

Supply Chain Operations Analyst

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TECHNICAL SKILLS

Data Analysis & Programming:	SQL, Python (Pandas, NumPy, Matplotlib, Seaborn)
Analytics & Visualization Tools:	SQL Server, PostgreSQL, MySQL, Power BI, Excel (Pivot Table, VLOOKUP, Conditional Formatting), Databricks
Data Concepts:	KPIs, data cleaning, exploratory analysis, data manipulation

PROFESSIONAL EXPERIENCE

Flipkart Internet Pvt. Ltd. | Operations Executive – Lifestyle | Bangalore, India **May 2026 – Present**

- Warehouse and Dark store optimization Pan India
- Solving price parity across platforms of Flipkart Central and Minutes
- Pulling data for demand across regions Pan India for sales optimization

MM Aqua Technologies Ltd. | GET – Supply Chain Operations | Kolkata, India **February 2024 – July 2025**

- Built and maintained Excel-based reports to track operational metrics and sales data, reducing reporting turnaround time.
- Defined and tracked KPIs used by leadership to monitor operational outcomes and identify trends.
- Analyzed recurring data patterns to surface inefficiencies, resulting in process improvements.
- Presented recurring insights to stakeholders, helping inform process and resource allocation decisions.

PROJECTS

Formula 1 Champions Dashboard | SQL Server, Power BI **January 2026**

- Orchestrated an end-to-end data pipeline by automating the import of comprehensive Formula 1 datasets from Kaggle into SQL Server using PowerShell (DBA Tools).
- Engineered a robust staging layer using SQL Views to clean and transform raw data, implementing functions like TRY_CAST and COALESCE to handle inconsistent records and ensure data integrity.
- Optimized query performance for high-speed reporting by implementing Clustered Columnstore Indexes, facilitating low-latency analysis of historical racing data.
- Designed an interactive Power BI dashboard featuring dynamic slicers and trend visualizations to analyze performance metrics across 770+ drivers and 300+ teams.

E-Commerce Funnel Analysis & Performance Dashboard | Python, Pandas, Plotly, Power BI **February 2026**

- Analyzed 30 days of session data using Python (Pandas) to quantify conversion efficiency across four key funnel stages.
- Developed an interactive 4-pane Plotly dashboard to identify friction points and correlate session duration with revenue.
- Built a multi-page Power BI report utilizing DAX to deliver executive KPIs on unique sessions and purchase behavior trends.

Customer Shopping Behavior Analysis | Python, PostgreSQL, Power BI **February 2026**

- Orchestrated a full-lifecycle data pipeline by cleaning a 3,900-purchase dataset in Python, utilizing category-specific median imputation and feature engineering to refine customer demographics and purchase frequencies.
- Integrated PostgreSQL to conduct multi-dimensional SQL analysis, segmenting customers into "Loyal," "Returning," and "New" brackets while identifying high-value revenue drivers across gender and age groups.
- Constructed an interactive Power BI dashboard to visualize critical business metrics, including a 27% subscription conversion rate and a \$59.76 average purchase amount to inform strategic marketing decisions.

EDUCATION

Maulana Abdul Kalam Azad University of Technology, Kolkata, West Bengal **2021-2024**

Bachelor of Technology - Mechanical Engineering, GPA - 7.55

West Bengal State Council of Technical Education, Kolkata, West Bengal **2018-2021**

Diploma in Engineering - Mechanical Engineering, GPA - 8.20

CERTIFICATIONS

Preparing for Databricks Data Analyst Associate **2025-2026**

LANGUAGES

English – Fluent | **Bengali** – Native | **Hindi** – Fluent | **German** – Beginner | **Dutch** – Beginner