

Anurag Sharma

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Professional Summary

B.Tech IT graduate and current Computer Science Master’s candidate with hands-on corporate experience engineering data pipelines and relational database queries. Proven track record processing unstructured datasets using Python and transforming complex data into interactive Power BI dashboards. Adept at aligning technical data workflows with ground-level commercial retail metrics to optimize inventory tracking and protect business margins.

Technical Skills Matrix

Languages and Scripts: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (MySQL, PostgreSQL)
Business Intelligence and Tools: Microsoft Power BI, Power Query, Excel (Pivot Tables, Advanced Modeling), Git and GitHub
Analytical Concepts: Exploratory Data Analysis (EDA), Relational Database Schemas, ETL Pipelines, Data Architecture

Professional Experience

- Machine Learning Engineering Intern**
CogniAI Private Limited (Phot.ai)

July 2025 – March 2026
Gurugram, India

 - Engineered programmatic data pipelines using Python (Pandas, NumPy) to clean and standardize large, unstructured commercial datasets for production systems.
 - Authored optimized SQL querying workflows across relational databases to accelerate data extraction and reporting cycles.
 - Executed exploratory data analysis (EDA) to isolate data anomalies, system bugs, and structural discrepancies prior to production staging.
- Business Operations and Data Coordinator**
Family Commercial Retail Enterprise

April 2025 – Present
Jammu, India

 - Directing daily supply chain data tracking, financial reconciliations, and inventory velocity metrics for a high-volume consumer goods market point.
 - Designed internal automated spreadsheet tracking models using Excel (Advanced formulas, Power Query) to monitor daily sales KPIs and net profit margins.
 - Optimized stock rotation logs, reducing inventory dead weight and identifying supplier latency trends through data segmentation.

Key Analytical Projects

- Interactive Retail Operations and Margin Dashboard | *Power BI, Excel, Power Query***
 - Ingested and cleaned unstructured commercial CSV transaction logs using Power Query to establish an optimized database star schema.
 - Designed an interactive, 2-page executive dashboard utilizing DAX metrics to track product turnover rates and isolate margin leakages.
- Relational Database Ledger Automation | *Python, SQL, PostgreSQL***
 - Developed automated Python scripts to execute exploratory data analysis (EDA) and parse raw relational table data.
 - Optimized database query performance by restructuring primary key table relationships and streamlining cross-table joins.

Education

- Scaler School of Technology (Woolf University)**
Master’s in Computer Science

Gurugram, India
2024 – Ongoing
- Harcourt Butler Technical University**
B.Tech in Information Technology (CGPA: 7.0)

Kanpur, India
2019 – 2023

Technical Achievements and Interests

- Problem Solving:** Solved 300+ Data Structures and Algorithms (DSA) problems to refine core programmatic logic.
Core Interests: Physical Fitness and Marathon Training, Data Architecture, Business Economics and Supply Chain Logistics.