

Ankit Kumar

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LinkedIn — GitHub

Profile Summary

Data Enthusiast with hands-on experience in data processing, analytics, and dashboard reporting using Python, SQL, Excel, and Power BI. B.Tech graduate from Haldia Institute of Technology with proven expertise in transforming complex datasets into actionable business insights.

Experience

Trailitytics AI — Data Analyst

Jan 2025 – Present

- Processed e-commerce product data with 98%+ classification accuracy across categories, brands, and availability delivering reliable insights for Flipkart, Instamart, Zepto, Amazon etc.
- Created and maintained structured product datasets, improving data completeness by 15% and reducing manual rework by 10%.
- Delivered structured product insights by processing over 10,000 SKUs weekly enhancing digital shelf accuracy and reducing data gaps by 15% across e-commerce and quick-commerce platforms.
- Generated weekly KPI reports in Excel and Power BI, driving insights on coverage, productivity, and accuracy.

TurnPike Analyst — (Freelance / Contract)

June 2023 – Jul 2024

- Contributed to backend development of a ride-sharing web application using Python (Basic Django exposure).
- Implemented ride-related features such as ride acceptance and transfer logic.
- Worked with JSON configurations for dynamic application behavior (e.g., notifications).
- Automated ride usage and analytics reports using Pandas and NumPy.
- Collaborated in a startup environment with cross-functional responsibilities.

Technical Skills

Programming & Analytics: Python (Pandas, NumPy, Matplotlib), SQL

Data Visualization & BI: Power BI, Excel

Big Data & ML: Predictive Modeling, Data Mining

Tools & Technologies: Git/GitHub, ETL, Data Integration, Web Scraping (Beautiful Soup, Selenium, Requests API), Power Query, RESTful APIs, Automation Scripting

Education

Haldia Institute of Technology – Applied Electronics & Instrumentation Engineering

Aug 2019 – Jun 2023

Major Projects

Smart PDF Data Pipeline for Structured Analytics

- Automated parsing of 150+ page PDFs into structured JSON to minimize manual data extraction.
- Used Python (PyPDF2, Regex) and ETL concepts to clean and structure data.
- Reduced report processing time by 35% and saved 6–7 hours per dataset.

E-Commerce Product Data Extraction (Flipkart)

- Scraped 100+ Flipkart laptop pages using BeautifulSoup and Requests with dynamic pagination handling.
- Exported structured data to Excel and CSV using Pandas and OpenPyXL with timestamped filenames.
- Implemented file validation system showing saved path, file size, and sample rows for quick verification.

Mobile Sales Analytics Dashboard

- Developed interactive Power BI dashboard with dynamic filters and DAX-based measures.
- Modeled 100K+ records for sales performance and customer insights.
- Improved business reporting speed by 30%.

Certifications

PrepSAT- PrepSAT Hackathon-1940 Rank, Data Analytics Course- **Geekster**