Kumar Sanket

GitHub: github.com/KumaarSanket | LinkedIn: linkedin.com/in/kumar-sanket-ks/
Portfolio: kumaarsanket.github.io/K.S.web
Location - Noida, India (Open to Remote Work and Relocation)

Summary

Data & Analytics early-career professional with hands-on experience building end-to-end analytics and BI systems using SQL, Excel, Python and Power BI. Built automated ETL pipelines processing 15.9M+ records and optimized data models to deliver $9.5M in measurable business impact through operational improvements and cost reduction initiatives. Skilled in KPI reporting, dashboard automation, and delivering data-driven insights that improve decision speed and accuracy.

Skills

SQL (MySQL): Joins, CTEs, Window Functions, Aggregations, Data Warehousing
Python: Pandas, NumPy, Data Cleaning, EDA, Feature Engineering
Data Visualization: Power BI (DAX, Power Query, Interactive Dashboards, KPI Visualization), Matplotlib
Analytics & Statistics: Statistical Analysis, Pivot Tables, VLOOKUP/XLOOKUP, Business Reporting
Analytics Engineering & Tools: ETL Pipelines, Data Wrangling, Git, GitHub, VS Code, MS Office Suite

Experience

Retail Flow Analytics – End-to-End BI System | Python, MySQL, Power BI **Remote, India**
Geeks Kepler, (Analytics Project) |GitHub

- Implemented automated ETL pipelines in Python to clean, transform, and validate 15.9M+ retail records across sales, inventory, and vendor datasets, while automating reporting processes and eliminating 95% of manual work (40+ hours/month saved).
- Designed a 9-table MySQL data warehouse with indexing, surrogate keys, and analytical views, improving query performance by 75% and enabling scalable analytical querying.
- Built a Power BI dashboard suite with 25+ visuals and 8 KPIs, enabling interactive analysis across 80 stores and 267K+ products for operational and strategic decision-making.
- Analyzed $452M revenue and $88.72M profit data (19.63% margin) to identify $9.5M in revenue growth, inventory optimization, and vendor cost savings, uncovering 2,847 slow-moving SKUs and 418 stockout risks.

Projects

UIDAI Aadhaar Engagement Gap Analysis(UIDAI Hackathon 2026) | Python, SQL, Power BI | GitHub

- Cleaned & transformed 4.94M+ Aadhaar records via Python ETL into analysis-ready datasets.
- Built Priority Scoring System (Enrollment 40%, Updates 40%, Infrastructure 20%) and 15 DAX KPI measures.
- Created Power BI dashboard showing 66.7% of states require urgent intervention and 86.1% need immediate action.
- Flagged critical gaps: Northeast highest priority (93.54), adult enrollment deficit (3.12% vs 65.17% children), Andaman Nicobar (99.76).

Uber Supply-Demand Gap Analysis | MySQL, Python, Excel | GitHub

- Processed 6,745+ ride records through Python and Excel ETL pipeline, engineering 5 analytical features
- Executed 14 SQL queries analyzing supply-demand gaps, cancellation patterns, and driver allocation efficiency
- Uncovered 900+ daily unmet ride requests across 2 peak windows (05-09 AM: 400+; 17-21 PM: 500+)
- Identified route imbalances (City: 1,952 vs Airport: 565 morning requests) and delivered actionable staffing recommendations

Education

Amity University Uttar Pradesh, India
Bachelor of Technology in Computer Science and Engineering *2026*
Modern School Noida, India
Higher Secondary Education, Grade 12 (PCM + Informatics Practices) *2022*

Certifications

- McKinsey Forward Program – McKinsey & Company
- Career Essentials in Data Analysis – Microsoft & LinkedIn Learning
- Data Science & Methodology – IBM
- SQL – HackerRank
- Introduction to Data Engineering and Big Data – HCL(Guvi)