

KUMAR SANKET

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Portfolio: kumaarsanket.github.io/K.S.web

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 to support operational and strategic decisions.

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

Amity University (NTCC Project), 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

Real Estate Intelligence Dashboard | Power BI, Power Query | GitHub

- Cleaned and transformed 49,978+ Dubai housing records using Power Query to prepare analysis-ready datasets
- Engineered 3 pricing features (PricePerSqft, PropertyAge, ListingCategory) and built 5 DAX KPI measures
- Created interactive dashboard revealing 69.5% budget-segment concentration and 4.5% urban price premium (AED 0.23M vs 0.22M)
- Enabled comparative pricing analysis identifying 28.8% Mid-Range segment investment opportunities

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

Bachelor of Technology in Computer Science and Engineering

Uttar Pradesh, India

2026

Modern School

Higher Secondary Education, Grade 12 (PCM + Informatics Practices)

Noida, India

2022

CERTIFICATIONS

- McKinsey Forward Program – McKinsey & Company
- Career Essentials in Data Analysis – Microsoft & LinkedIn Learning
- Data Analysis Using Python – IBM
- SQL – HackerRank
- Statistics 101 – IBM
- Introduction to Data Engineering and Big Data – HCL(Guvi)