

# KUMAR SANKET

GitHub: [github.com/KumaarSanket](https://github.com/KumaarSanket) | LinkedIn: [linkedin.com/in/kumar-sanket-ks/](https://linkedin.com/in/kumar-sanket-ks/)  
Portfolio: [kumaarsanket.github.io/K.S.web](https://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

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