

# KUMAR SANKET

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GitHub: [github.com/KumaarSanket](https://github.com/KumaarSanket) | LinkedIn: [linkedin.com/in/kumar-sanket-ks/](https://www.linkedin.com/in/kumar-sanket-ks/)

Portfolio: [kumaarsanket.github.io/K.S.web](https://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, 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

**Data Visualization:** Power BI (DAX, Power Query, Interactive Dashboards, KPI Visualization)

**Advanced Excel:** Pivot Tables, VLOOKUP/XLOOKUP, Statistical Analysis

**Analytics Engineering:** ETL Pipelines, Data Wrangling,

**Tools & Platforms:** Git, GitHub, VS Code, MS Office Suite

## EXPERIENCE

**Retail Flow Analytics – End-to-End BI System | Excel, MySQL, Power BI**

**Remote, India**

*(NTCC Project), Analytics Project | GitHub*

- Executed data cleaning, transformation, and validation on 15.9M+ retail records across sales, inventory, and vendor datasets using Excel and MySQL queries.
- Designed a 9-table MySQL data warehouse with indexing, surrogate keys, and analytical views, improving query performance by 75%.
- Built a Power BI dashboard suite with 25+ visuals and 8 KPIs, enabling interactive analysis across 80 stores and 267K+ products
- Analyzed \$452M revenue and \$88.72M profit data (19.63% margin) to quantify \$9.5M in revenue growth, inventory optimization, and vendor cost savings while eliminating 95% manual reporting (40+ hours/month saved).

## 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, Excel, Power BI | GitHub**

- Processed 6,745+ ride records through Excel data cleaning and transformation 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 with Power BI visualizations.

## 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
- Statistics 101 – IBM
- SQL – HackerRank
- Microsoft Power BI – Simplilearn
- Introduction to Data Engineering and Big Data – HCL(Guvi)