

# KUMAR SANKET

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GitHub | LinkedIn | Portfolio

## SUMMARY

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Driven and analytical-minded data analyst skilled in SQL, Excel, and Power BI, with hands-on experience in ETL, data modeling, and dashboard development. Demonstrated ability to work with large datasets, optimize queries, and deliver actionable insights that enable data-driven decision-making. Strong problem-solver with effective communication skills, focused on identifying efficiency gains and business value through KPI analysis and visualization.

## SKILLS

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**SQL (MySQL):** Joins, CTEs, Window Functions, Aggregations, Query Optimization, Data Warehousing

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

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

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

**Core Competencies:** ETL Pipeline Development, Data Wrangling, KPI Analysis, Business Intelligence, Reporting

**Soft Skills:** Analytical Thinking, Problem-Solving, Business Communication, Collaboration, Adaptability

## EXPERIENCE

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### Retail Flow Analytics – End-to-End BI System

Remote

*Data Analyst (Independent Project) | Excel, MySQL, Power BI*

- Engineered end-to-end retail analytics ecosystem processing 15.9M+ sales, inventory, and vendor records through structured ETL workflows using Excel (cleaning, timestamp normalization, missing-value resolution) and MySQL (data structuring, validation, feature engineering); consolidated 7 raw datasets (5.3GB) into a normalized 9-table MySQL warehouse with 6 analytical views optimized through indexing, surrogate keys, and partitioning, achieving 75% faster query performance.
- Developed 5-dashboard Power BI suite with 25+ visuals, 8 KPIs, and 6 slicers enabling multi-level analytics across 80 stores, 267K+ products, and 126 vendors, uncovering \$452.06M revenue, \$88.72M profit (19.63% margin), peak months over \$50M, 2,847 slow-moving SKUs, 418 stockout risks, and \$176M vendor spend; delivered unified BI system eliminating 95% manual reporting (40+ hours/month saved) and identified \$6M revenue opportunities, \$3M inventory optimization potential, and \$500K vendor negotiation savings.

## PROJECTS

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### Real Estate Intelligence Dashboard | *Power BI, Power Query*

- Cleaned and transformed 49,978+ Dubai housing records using Power Query; engineered 3 analytical features (PricePerSqft, PropertyAge, ListingCategory) and built 5 DAX KPI measures for segmentation and pricing analytics.
- Created interactive dashboard with 6 visualizations and 4 dynamic slicers revealing 69.5% budget-segment concentration, 4.5% urban price premium (AED 0.23M vs 0.22M), and Mid-Range segment investment opportunities (28.8% market share).

### Uber Supply-Demand Gap Analysis | *MySQL, Excel*

- Processed 6,745+ ride records using Excel ETL pipeline; engineered 5 analytical features and executed 14 SQL queries to analyze supply-demand gaps, cancellation patterns, and driver allocation efficiency.
- Identified 2 peak shortage windows (05-09 AM: 400+ unmet requests; 17-21 PM: 500+ unmet) and route imbalance (City: 1,952 vs Airport: 565 morning requests); delivered 6 visualizations, Excel model, and actionable recommendations (rush-hour incentives, night-shift staffing).

## EDUCATION

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### 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

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- Career Essentials in Data Analysis – Microsoft
- SQL and Relational Databases 101 – IBM
- Power BI Essentials – Simplilearn
- Analytics with Excel – Simplilearn
- Statistics 101 – IBM
- Networking Basics – Cisco