

AKSHANSH MATHUR

Data & Product Analyst | Power BI | SQL | Python | Fintech
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PROFESSIONAL SUMMARY

Data & Product Analyst with 3+ years of hands-on experience building analytics infrastructure, BI dashboards, and data pipelines at a fintech startup (₹2 Cr/month). Delivered measurable impact — improved platform performance by 25%, reduced order-placement time by 30%, and drove 3 product roadmap pivots through executive KPI dashboards. Completing Executive MBA in Finance at SIBM Pune (Jun 2026); B.Tech CSE with Honors in Business Analytics (CGPA 9.27). Proficient in SQL, Python, Power BI, and financial modelling. Targeting Product Analytics, Data Analytics, or Fintech Strategy roles.

CORE COMPETENCIES

Dashboarding & BI: Power BI (DAX, Data Modeling, Report Development) • Google Looker Studio • Tableau • KPI Framework Design

Data & SQL: Advanced SQL • MySQL • MongoDB • Data Modeling • ETL Pipelines • Data Validation & Quality Checks

Programming & Cloud: Python (Pandas, NumPy) • R • GCP / BigQuery (Certified) • Git • Django

Analytics & Finance: Exploratory Data Analysis (EDA) • Financial Modelling • P&L Analysis • Variance Analysis • Stakeholder Reporting

PROFESSIONAL EXPERIENCE

Data & Product Analyst (Founding Engineer) | Phonofuel — Fintech Startup (part-time alongside MBA)

Apr 2023 – Present

Sole data engineer at an early-stage fuel-delivery and payments platform. Owned end-to-end data infrastructure, dashboard development, and stakeholder reporting across finance and operations.

- Developed interactive operational dashboards in Power BI and Tableau — enabling real-time KPI monitoring for C-level leadership — by building data models on high-frequency MySQL transactional datasets and applying DAX measures for drill-down analysis.
- Reduced leadership time-to-decision by 40% by building weekly executive KPI dashboards that directly shaped 3 major product roadmap pivots, translating raw operational data into prioritised strategic recommendations.
- Cut average SQL query execution time by 35% by rewriting and optimising complex queries on high-frequency transactional datasets, improving overall platform performance by 25%.
- Reduced order-placement time by 30% and improved user engagement by 15% by conducting user-behaviour analysis (EDA) and partnering with UX to redesign order workflows, translating findings into prioritised product recommendations.
- Ensured 100% data integrity across ₹2 Cr/month in transactions by designing and maintaining a real-time billing and reconciliation system, complete with automated validation checks and full audit trails for regulatory compliance.
- Improved system response time by 20% and throughput by 15% by identifying operational inefficiencies through exploratory data analysis (EDA) and implementing targeted query and pipeline optimisations.
- Improved email/SMS open rates by 20% across 5,000+ monthly active users by building and maintaining customer communication pipelines via Twilio, supported by data-driven segmentation from cleaned and transformed operational datasets.
- Reduced ad-hoc reporting turnaround by 60% by building reusable EDA pipelines and report templates in Python (Pandas, NumPy), enabling business teams to self-serve insights without engineering support.

Full-Stack Development Intern | Speedsys Solutions Pvt. Ltd.

Jan 2022 – Mar 2022

- Delivered 3 production-ready, cross-device-compatible web interfaces on schedule; reduced average page load time by 18% through component-level optimisation and resolved 12 critical layout bugs ahead of client launch.

EDUCATION

- MBA (Executive) in Finance** — Symbiosis Institute of Business Management (SIBM), Pune 2024 - 2026
Relevant: Corporate Finance · Business Valuation · Quantitative Methods · Financial Derivatives · Strategic Financial Management

KEY PROJECTS

Algo-Trading Backtester | Python · Pandas · Quantitative Finance | Open Source

- Reduced strategy iteration time by 70% by building an open-source CLI tool to backtest quantitative trading strategies (momentum, mean-reversion) against historical NSE/BSE data, implementing Sharpe Ratio, max drawdown, and annualised return metrics.

Phonofuel Web Platform | Django · GPS · Twilio · MySQL

- Built a production fuel-delivery platform processing high-throughput orders in real time, integrating GPS tracking, a custom billing engine, and Twilio pipelines — reducing customer support enquiries by 35%.

3-Factor Blockchain Voting System | Solidity · Face Recognition · Python | National Winner

- Won Smart India Hackathon 2022 (Government of India) — national level — by architecting a decentralised voting system with Aadhaar-linked wallets, facial recognition, and OTP authentication; research published in IJACEN 2023 (peer-reviewed).

CERTIFICATIONS & AWARDS

Certifications: Google Cloud Platform Fundamentals — Google (2023)

Awards: Smart India Hackathon 2022 — National Winner (Govt. of India) • IET Zonal Winner — Technical Presentation • CSI Technical Colloquium Winner