SANDEEP KODURU

Bengaluru, Karnataka, India | +91-8618382188 | Sandeepkoduru021@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Results-driven Data Analyst (B.Tech CSE) with hands-on expertise in data modeling, analytics engineering, and business intelligence across large-scale datasets (95K+ records). Proficient in writing optimized SQL queries, building DAX-driven KPI dashboards in Power BI, designing ETL pipelines, and automating data workflows with Python, Power Query, and Power Automate. Skilled in translating complex business requirements into actionable insights that optimize operations, cut issue resolution times by 18%, and boost reporting efficiency by 30%.

CORE COMPETENCIES

Analytics & Modeling:	SQL (Query Optimization, Joins, CTEs), Data Modeling, Schema Design (Star/Snowflake), ETL Pipeline Design, Data Warehousing, Data Validation
BI & Reporting:	Power BI (Interactive Dashboards, DAX, Data Transformation), KPI Definition & Tracking, Advanced MS Excel (Pivot Tables, VLOOKUP), Statistical Analysis
Programming & Automation:	Python (Pandas, NumPy), Power Automate, Power Query, Database Management (MySQL, PostgreSQL), Version Control (Git/GitHub)
Delivery & Strategy:	Agile/Scrum Frameworks, Cross-Functional Stakeholder Management, Requirement Gathering, Root Cause & Trend Analysis, Business Process Improvement

WORK EXPERIENCE

Data Analyst Intern May 2025 – Dec 2025

AI Variant Technologies Bengaluru, Karnataka

- Queried and evaluated enterprise IT service data across 95,000+ records using SQL and Python to identify operational bottlenecks, cutting ticket resolution time by 18%.
- Collaborated with cross-functional business stakeholders to gather requirements and translate ambiguous business needs into validated, scalable data pipelines.
- Engineered robust automated data validation frameworks to verify pipeline accuracy, eliminating reporting inconsistencies across business intelligence tools.
- Automated manual reporting workflows using Power Query, SQL, and Power Automate, reducing daily routine effort by 30% within fast-paced Agile sprint cycles.
- Created stakeholder-ready documentation and data logs to support executive review, root-cause investigations, and data-driven decision-making.

TECHNICAL PROJECTS

Manufacturing Analytics & Operational Dashboard

SQL | Power BI | DAX | Data Modeling | Statistical Analysis | Power Query

- Designed star-schema data models combining production, machine utilization, and quality assurance datasets across multiple manufacturing units.
- Built real-time KPI dashboards in Power BI utilizing DAX measures to track defect rates, equipment efficiency, and operational trends.
- Executed quantitative root-cause analysis on manufacturing anomalies, driving a 14% reduction in overall defects and a 10% increase in machine utilization.

Social Media & User Engagement Analytics Project

SQL | MySQL | Python (Pandas) | Advanced MS Excel | MS PowerPoint

- Audited and integrated multi-source relational user behavior datasets across 7 normalized tables using MySQL and SQL queries to analyze engagement and retention.
- Identified key user interaction trends, hashtag efficacy, and churn factors, delivering actionable strategic recommendations via executive MS PowerPoint decks.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – Amazon Web Services (Issued Mar 2024, Valid through Mar 2027)
- **Microsoft Power BI Data Analyst (PL-300)** – Coursework Completed
- **SQL for Data Analytics** – Advanced Querying, ETL Design & Database Management

- **Statistical Analysis for Business Decisions** – Applied Statistics & Data-Driven Decision Making

EDUCATION

B.Tech, Computer Science Engineering | KL University	2021 – 2025 | 8.7/10
Intermediate (Class XII) | Pramana PU College	2019 – 2021 | 8.16/10
Secondary (Class X) | Vidya Bharati High School	2018 – 2019 | 7.49/10

LEADERSHIP & EXTRACURRICULAR

- **Lead Coordinator – CSE Department Fest, KL University:** Led 50–60 student volunteers, managing budget allocation, vendor negotiations, scheduling, and logistics for a 1,000+ attendee event delivered on budget.
- **Member – UNICEF Safe Life Club:** Facilitated community outreach workshops, translating complex healthcare and operational topics into clear, actionable messaging.
- **Student Peer Mentor – Academic & Technical Support, KL University:** Mentored 15+ junior students in foundational programming, quantitative problem-solving, and time management skills.
- **Volunteer & Event Organizer – Campus Sustainability Drive:** Coordinated campus-wide event logistics, volunteer schedules, and outreach tracking across 500+ participants.