

Arifur Rahman

Data Analyst | SQL • Python • Tableau • Power BI • Business Intelligence

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B.Tech CSE 2026 Graduate | Available to join immediately | Open to relocation across India and worldwide

Summary

Data Analyst and 2026 B.Tech CSE graduate who turns raw data into actionable business decisions using Advanced SQL, Python, Tableau, and Power BI. Deployed live analytics products and completed advanced Data Analytics simulations for Tata, Quantum, and Deloitte. Core strengths include exploratory data analysis (EDA), A/B testing, ETL pipeline design, statistical modeling, and executive dashboarding.

Core Skills

- Querying and Programming:** SQL (Window Functions, CTEs, Complex Joins), Python, Pandas, NumPy, Bash
- Visualization and BI:** Tableau, Power BI, Excel (PivotTables, VLOOKUP), Matplotlib, Seaborn, KPI Dashboards, Data Storytelling
- Data Engineering:** PostgreSQL, MySQL, Star-Schema Warehousing, ETL Pipelines, Data Modeling, Data Cleaning
- Statistics and ML:** A/B Testing, Hypothesis Testing, Predictive Modeling, Scikit-learn, Uplift Modeling, Git, Jupyter

Projects

Cold-Chain Pharma Spoilage and Loss Attribution Analytics *Python, PostgreSQL, Tableau, Gemini API*
coldchainpharmaenginebyarifurrahman.streamlit.app | github.com/arifurrahmancareer/coldchain-pharma-engine

- Cut manual cold-chain monitoring effort by an estimated 70% by modeling a PostgreSQL star-schema warehouse and computing vectorized Mean Kinetic Temperature with SQL Window Functions over IoT time-series data.
- Quantified spoilage risk for 90%+ of at-risk shipments by engineering compliance KPIs (excursion rate, time-in-range percentage) and fusing sensor telemetry with Gemini Vision API anomaly detection.
- Delivered an executive Tableau dashboard attributing financial loss to carrier SLA breaches, enabling data-driven vendor accountability and faster corrective action.

SmartDetect: AI-Based Image Anomaly Detection and Correction *Python, Streamlit, YOLOv8, OpenCV*
smartdetect-anomaly-detection-correction.streamlit.app | github.com/arifurrahmancareer/smartdetect-anomaly-detection

- Achieved 95%+ defect detection accuracy by deploying a YOLOv8 model through the Roboflow API with OpenCV preprocessing in a Streamlit application.
- Reduced manual visual inspection effort by an estimated 80% with an automated ETL batch pipeline processing hundreds of images for classification, correction suggestions, and PDF reporting.

Experience: Job Simulations

Data Analytics, Tata | *via Forage* **Jan 2026 – Feb 2026**

- Identified high-risk customer segments through EDA and risk profiling in Python, and built a loan-delinquency prediction model that informed a data-backed collections strategy.

Data Analytics, Quantum | *via Forage* **Jan 2026 – Feb 2026**

- Uncovered retail purchasing trends by cleaning customer transaction data with Pandas and SQL, then designing A/B and uplift tests to quantify commercial impact.

Data Analytics, Deloitte Australia | *via Forage* **Jan 2026 – Feb 2026**

- Delivered evidence-based business conclusions by applying data analysis and forensic technology techniques across large operational datasets.

Education

B.Tech (CSE) | Hooghly Engineering and Technology College (MAKAUT) **2022 – 2026**

Percentage: 71.5%

Higher Secondary (WBCHSE) | Ranagarh High School *2022 | 77%*

Matriculation (WBBSE) | Ranagarh High School *2020 | 70%*

Certifications

Data Analytics: Ultimate Job-Ready AI-Powered Data Analytics (CodeWithHarry, 2026) | Ultimate Python Bootcamp: 50 Projects (Udemy, 2026)

Data Science and SQL: Introduction to Data Science (Cisco Networking Academy, 2025) | SQL and Relational Databases 101 (IBM Cognitive Class)

Additional

Languages: English, Hindi, Bengali