

ANIRUDDHA KUMAR TIWARI

DATA ANALYST | SQL | PYTHON | POWER BI | ADVANCED EXCEL | AUTOMATION

Gurugram, Haryana, India | +91 9453124653 | aniruddhatiware1211@gmail.com | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Data Analyst-focused automation professional with hands-on experience transforming high-volume telecom operational data into validated reports, RCA outputs, KPI monitoring and decision-ready dashboards. Built Python/Excel pipelines supporting approximately 1,032 report executions per day across 20 operational circles and 40 outage-reporting scripts, reducing report preparation from ~10 minutes to ~7 seconds (~98.8%). Skilled in SQL, Python, Pandas, Power BI, Advanced Excel, Power Query, ETL, EDA, statistics and data visualization.

PROFESSIONAL EXPERIENCE

Altius Infrastructure Trust - Central NOC | NOC Engineer

Dec 2025 - Present | Gurugram, Haryana

- Automate approximately 1,032 recurring report executions per day across 20 operational circles using Python, Pandas, Excel and Outlook-based distribution, replacing repetitive manual reporting.
- Built and maintain 40 circle/cluster/vendor outage-reporting scripts; reduced report preparation from ~10 minutes to ~7 seconds (~98.8%), with 40-report batches completing in ~280 seconds.
- Centralized 46 recurring automation IDs into a controlled 24x7 sequential execution layer with input/source validation, logging, failure isolation, fallback handling and sender-safety controls.
- Develop TLog/RCA and alarm-intelligence workflows: filter incident data, classify alarm families, apply ageing/RCA rules, enrich master data, and automate hourly HRT, Power Failure, RU/DU Low Voltage and LMV/Low Battery dashboards.
- Analyze network incidents and KPIs (CDR, CSSR, throughput, latency); coordinate field teams/vendors, track SLA timelines, support planned changes, and prepare outage, RCA and network-health reports for operational decision support.

SELECTED ANALYTICS & AUTOMATION PROJECTS

Centralized 24x7 Report Orchestrator - Python, Scheduling, Outlook COM, Validation | Controlled execution for 46 automation IDs with source/input checks, sequential runs, logs, failure isolation and recovery handling.

Outage Reporting & RCA Engine - Python, Pandas, OpenPyXL, pyxlsb | Rule-driven TLog filtering, alarm classification, ageing/RCA logic, master-data enrichment and standardized Excel reporting.

Alarm Intelligence Dashboards - Python, Excel, Data Visualization | Hourly Pan-India HRT, Power Failure, RU/DU Low Voltage and LMV/Low Battery dashboards for recurring monitoring, escalation and decision support.

Additional Projects - Self-Driving & Road Safety Perception (hybrid real-time object detection); Flipkart Clone (full-stack e-commerce, database integration, version control and team collaboration).

TECHNICAL SKILLS

Analytics & SQL: SQL (Joins, CTEs, Window Functions, Subqueries, CASE, Date Functions, Views, Stored Procedures), MySQL, Statistics, A/B Testing, EDA, Data Cleaning

Python & Data: Python, Pandas, NumPy, ETL, OpenPyXL, pyxlsb, data validation, workflow automation

BI & Reporting: Advanced Excel, Power Query, Power BI, DAX (Intermediate), Tableau, Data Visualization

Engineering & Additional: Git/GitHub, Outlook COM, Windows Automation, Data Structures, C, HTML, CSS, JavaScript

EDUCATION

B.Tech - Computer Science & Engineering | United College of Engineering & Research Centre, Greater Noida | AKTU | 2020-2024 | CGPA: 7.12/10

ACHIEVEMENTS & CERTIFICATIONS

Employee of the Month | Manager/client appreciation for automation & reporting improvements | Python - GUVI | JavaScript & HTML - Great Learning | CSS, MySQL & Web Development - Coursera

ADDITIONAL EDUCATION & INFORMATION

Class XII (Intermediate): Tribhuvan Devi Academy, Sultanpur, Uttar Pradesh | 2019-2020

Class X (Matriculation): SVM Sr. Sec. School, Vivekanand Nagar, Sultanpur, Uttar Pradesh | 2016-2017

Professional Strengths: Stakeholder communication, cross-functional coordination, time management, independent and collaborative work

Languages: Hindi, English