

PROFESSIONAL SUMMARY

Data Analyst with 2+ years of experience in data validation, ETL/ELT testing, business intelligence, and end-to-end data pipelines. Skilled in SQL, Power BI, DAX, Power Query, Python, Excel, and data quality engineering, with a strong background in transforming complex raw datasets into reliable dashboards and decision-support solutions. Experienced in developing geospatial analytics, automated API data workflows, relational data models (Star Schema), and data governance controls across enterprise and social-impact environments.

TECHNICAL SKILLS

Data Analysis & Querying: SQL (Complex Joins, CTEs, Window Functions, Aggregations), Data Validation, Data Quality Engineering, ETL/ELT Testing, Excel (XLOOKUP, VLOOKUP, Advanced Formulas).
Business Intelligence & Visualization: Power BI, DAX, Power Query (M), Star Schema Data Modeling, Drill-Through Reports, Dynamic Tooltips, Geospatial Analytics, Tableau, Looker, Streamlit, Plotly.
Programming & Automation: Python (Pandas, NumPy), Google Apps Script, JavaScript, REST APIs, API Integration.
Data Sources & Platforms: MS SQL Server, PostgreSQL, KoboToolbox API, Google Drive, Google Sheets, YouTube Data API.
Tools & Engineering: Git, GitHub, Jira, Unix/Bash, Tabular Editor.
Cloud & Security Governance: AWS, Object-Level Security (OLS), Row-Level Security (RLS), Data Privacy & Quality Governance.

PROFESSIONAL EXPERIENCE

Samarthya NGO

Remote | Apr 2026 -- Present

Data Analyst (Pro Bono Disaster Relief Analytics)

- Designed and delivered an end-to-end Power BI analytics platform tracking relief distribution for 3,000 beneficiaries, enhancing operational transparency and supporting data-driven decisions for leadership and donors.
- Led end-to-end data preparation and quality management, auditing raw beneficiary records for completeness, consistency, duplicate resolution, and structural standardization.
- Reconciled demographic, household, village, and taluka attributes against official government master data using Excel (VLOOKUP/XLOOKUP) and Python to ensure reporting integrity.
- Validated geospatial data by cross-checking latitude and longitude coordinates against beneficiary, habitation, and government master records to enable spatial visualization accuracy.
- Transformed raw vulnerability data in Power Query, unpivoting wide-format attributes into a normalized structure for granular vulnerability scoring.
- Architected a scalable Power BI Star Schema data model consisting of fact and dimension tables to support dynamic filtering, KPI reporting, and cross-report drill-throughs.
- Developed 60+ DAX measures for dynamic KPIs, vulnerability benchmarking, taluka-level aggregations, and sentence-based narrative tooltips for donor reporting.
- Built an automated Python and KoboToolbox API evidence pipeline integrated with Google Drive to retrieve, organize, and store beneficiary verification images.
- Implemented Object-Level Security (OLS) via Tabular Editor alongside Row-Level Security (RLS) to enforce role-based access control across volunteers, admins, and donors.
- Migrated geospatial reporting from Looker to Power BI to support interactive field-evidence tooltips and enhanced dynamic mapping.

Deloitte USI

Bengaluru, India | Aug 2022 -- May 2024

Associate Analyst (Quality Assurance)

- Executed data quality testing and pipeline validation for a large-scale US Healthcare ELT system supporting both batch processing and real-time streaming workflows.
- Authored complex SQL queries utilizing Joins, CTEs, Window Functions, and conditional logic to perform source-to-target data reconciliation across multi-stage pipelines.
- Validated data accuracy, schema consistency, completeness, and business rule compliance across staging and target data layers.
- Documented over 250+ execution observations regarding data anomalies, pipeline behavior, and system execution during QA cycles.
- Identified, logged, and tracked 9 critical data/system defects using Jira, directly supporting 2 production hotfixes and 1 core system enhancement.
- Collaborated with data engineers and business analysts within an Agile delivery framework to investigate root causes and validate pipeline defect resolutions.

DATA ANALYTICS TRAINING

Trainity

Remote | Jun 2024 -- Nov 2024

Data Analyst Trainee

- Completed 8 hands-on data analytics case studies spanning business profitability, user engagement, operations, hiring, movie ratings, banking risk, automotive pricing, and call volume analysis.
- Utilized SQL, Excel, and Python (Pandas) for data cleaning, aggregation, outlier detection, and KPI formulation.
- Designed interactive dashboards in Tableau and Power BI to translate complex data findings into actionable executive recommendations.

TECHNICAL PROJECTS

YouTube Trend Analysis Dashboard

Python, Streamlit, YouTube Data API, Pandas, Plotly

- Built an automated data pipeline using the YouTube Data API to extract keyword-based video metadata and audience engagement metrics.
- Transformed raw JSON API outputs with Pandas to clean metrics (views, likes, comment counts) and engineered custom performance ratios.
- Developed an interactive Streamlit web dashboard using Plotly visualizations to track video performance trends and content engagement over time.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** -- Amazon Web Services (Jan 2024)
- **Microsoft Power BI for Business Intelligence** -- Maven Analytics (Apr 2025)
- **Data Analytics Job Simulation** -- Accenture / Forage (Dec 2024)

EDUCATION

Master of Computer Applications (MCA) Vellore Institute of Technology (Online)	<i>Expected Dec 2026</i>
B.Sc. Computer Technology Sri Krishna Arts and Science College	CGPA: 8.8 / 10