

Aniket Majumder

Kolkata, India

aniketryback@gmail.com • github.com/aniketryback • +91-XXXXXXXXXX

Summary

Data Engineer with 3 years of experience across Tableau, AWS, and Python-based ETL pipelines. Built production-grade dashboards and automated trackers. Proficient in data modeling, ETL development, and cloud-based data architecture. Currently expanding hands-on skills in pipeline orchestration, data lakes, and distributed data processing.

Professional Experience

Programmer Analyst, Cognizant

April 2023 – Present | Kolkata, India - Monitored and supported 50+ AWS-based Airflow DAGs, ensuring 99% SLA adherence through proactive incident management and resolution coordination across 3 teams - Analyzed DAG structure and dependency logic to improve data pipeline stability and reduce latency - Assisted in data validation and lineage checks using Athena and SQL queries for multiple stakeholders - Learning AWS Glue, Apache Spark, and Snowflake to build cloud-native ETL and data warehousing workflows

Programmer Analyst Trainee, Cognizant

June 2022 – March 2023 | Kolkata, India - Built 5+ Tableau dashboards for a global pharma client, providing visibility into performance KPIs across marketing, sales, and inventory - Reduced dashboard data failures by 30% through improved data freshness monitoring and backend coordination - Led full dashboard lifecycle: requirements gathering, development, testing, deployment, and maintenance - Validated 15+ KPIs via SQL, ensuring consistent definitions across backend and visualization layers

Projects (Published on GitHub)

Crypto Price Tracker *(Python, CoinGecko API, Matplotlib)*

github.com/aniketryback/crypto-price-tracker

Built a real-time crypto price tracking pipeline with historical logging to CSV and auto-generated price trend charts. Parsed JSON from public APIs and visualized time-series data using Matplotlib.

Amazon Price Monitor *(Python, Web Scraping, BeautifulSoup)*

github.com/aniketryback/amazon-price-tracker

Scraped Amazon product pricing data using BeautifulSoup and automated daily price tracking with timestamped logging and visualization. Designed scraping logic with dynamic HTML parsing and error resilience.

Weather Trend ETL *(OpenWeatherMap API, CSV, Python)*

github.com/aniketryback/weather-tracker

Extracted live weather metrics for multiple cities, structured and logged data over time, and visualized trends using Matplotlib. Modularized the ETL pipeline into ingestion, transformation, and load stages.

Core Competencies

Data Modeling • ETL Pipelines • Cloud Data Architecture • AWS S3 & Athena • Apache Airflow • Snowflake (learning) • SQL Optimization • Tableau Reporting • Data Warehousing • Pipeline Monitoring • Data Lake Design • Data Visualization • Python Scripting • API Integration • Big Data Concepts

Technical Skills

- **Languages:** Python, SQL, HTML
 - **Libraries/Tools:** Pandas, NumPy, Matplotlib, BeautifulSoup, Git
 - **Platforms:** AWS (S3, Athena), Apache Airflow, Tableau, Snowflake (learning)
 - **Concepts:** ETL, Data Pipelines, Orchestration, Data Warehousing, JSON APIs, Data Validation, Monitoring
-

Education

B.Tech in Electronics and Communication Engineering

Maulana Abul Kalam Azad University of Technology, West Bengal

Additional

- Practicing Data Structures & Algorithms in Python (Novice level, focused on long-term MAANG goals)
- Currently building a simulated data lake project with Airflow and S3 to strengthen cloud data engineering profile