

Amit Tripathi

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Professional Summary

Experienced Data Analyst with 3+ years of expertise in ETL development and data analysis. Skilled at designing, developing, and optimizing ETL workflows using Pentaho DI for seamless data integration and warehousing. Proficient in extracting, transforming, and loading large and diverse datasets, ensuring high performance and data accuracy. Strong SQL expertise for writing complex queries, indexing, and optimizing performance. Experienced in low-code application development, creating actionable reports, and implementing SCD type. Committed to delivering scalable, efficient, and data-centric solutions.

Skills

- **ETL:** Pentaho DI, ETL Pipeline Development
- **Programming:** SQL, Python (Basic for Data Analytics)
- **Databases:** Vertica, MySQL, AWS Redshift, Postgres
- **Data Visualization:** Power BI, Advanced MS Excel
- **Tools:** DBeaver, Low-code App Builder
- **Gen-AI:** ChatGPT, Cursor, Deepseek, v0 by Vercel, Lovable.dev, Gemini
- **Others:** Data Analysis, Dashboard Development, Root Cause Analysis, UAT Testing, Agile Methodologies

Work Experience

Data Analyst - Netlink Software Group of America Inc

Sep 2023 – Present

- Designed and implemented ETL pipelines using Pentaho DI to transform raw data into dimension, fact, and aggregate tables, making it ready for key insights and reports on the dashboard
- Conducted data preparation, transformation, and dashboard development, ensuring accurate and actionable insights.
- Built low-code applications using in-house app builder and designed their backend workflows by utilizing SQL
- Performed exploratory data analysis (EDA) to uncover trends, patterns, and anomalies in operational and service delivery data
- Created aggregated reports and visualizations that improved monitoring of KPIs and performance metrics
- Automated manual processes, reducing monitoring effort by 30% and testing time by 60%
- Delivered actionable insights through SQL queries, Excel reports, and near real-time dashboards
- Managed user login, roles, and permissions through SQL
- Managed Dev and QA teams, ensuring system integrity and guiding test case development

Associate Data Analyst - Netlink Software Group of America Inc

Apr 2023 – Aug 2023

- Supported data analysis tasks, including generating reports and analyzing trends in project data
- Contributed to the creation of ETL processes and automation of data workflows
- Enhanced reporting accuracy by developing robust data checks and validation routines

Data Analyst (Trainee) - Netlink Software Group of America Inc

Oct 2022 – Apr 2023

- Assisted in building data pipelines, cleaning datasets, and preparing reports
- Analyzed data patterns and supported dashboard creation for project teams

Data Analyst (Intern) - Netlink Software Group of America Inc

May 2022 – Oct 2022

- Supported the design of ETL routines and created basic analytical reports
- Performed data validation, cleaning, and Excel-based reporting

Projects

Projects 1: Outliers Agent Detection

The Outliers Agent Detection Application has been designed to audit outlier calls and provide feedback after the audit, categorizing calls as bad call, connection issue or coaching needed etc. Based on this feedback, higher authorities can assess an auditor's performance. Utilizing dashboard for visualizing insights from audited calls, enabling higher authorities to evaluate auditor performance and improve overall call quality.

Roles & Responsibilities:

- Developed ETL pipelines for data extraction, transformation, and loading from sources such as CSV and Database
- Optimized SQL queries to enhance ETL performance
- Implemented slowly changing dimensions for dynamic questionnaire visibility
- Handled JSON responses and normalized data for reporting using Pentaho and SQL
- Automated data testing with Pentaho PDI and SQL, generating dynamic Excel reports
- Developed data modeling and strategies using star and snowflake schemas for efficient data storage and retrieval

Projects 2: Vendor Commit Portal

Vendor Commit Application designed to facilitate efficient goal setting, tracking, and management for both individuals and teams. The platform allows users to define, commit and monitor their goals through a user-friendly interface and advanced tracking features.

Roles & Responsibilities:

- Designed optimized data pipelines for automated extraction from source
- Built an automated pipeline for file handling and email notifications, streamlining workflows.
- Implemented slowly changing dimensions for agents data
- Reviewed and tested ETL code developed by junior developers, providing necessary feedback and training to ensure quality and adherence to best practices.
- Automated data testing with Pentaho PDI and SQL, generating dynamic Excel reports

Project 3: SiriusXM CV

Developed a comprehensive Business Intelligence solution for SiriusXM's Sales and Saves data of connected vehicle Line of Business, aimed at improving visibility into key performance metrics (KPIs). Designed and deployed multiple dashboards to help both management and agents monitor performance trends. One key module included a **Coaching Management Tool** enabling supervisors to review agent-level KPIs and provide actionable feedback, promoting a culture of continuous improvement.

Roles & Responsibilities:

- Designed and optimized data pipelines for automated extraction, transformation, and loading (ETL) from diverse source systems.
- Built an automated file handling and email notification to streamline data ingestion and stakeholder communication.
- Implemented Slowly Changing Dimensions (SCD) strategies to accurately track historical agent data changes.
- Automated validation processes using Pentaho PDI and SQL, and delivered dynamic Excel reports for business users.
- Built dynamic dashboard usage report for management users.

EchopostAI — LinkedIn Post Generator (UnOfficial - Built using AI)

[View Project](#)

- GenAI-powered tool to generate LinkedIn posts from user input
- Automatically add relevant hashtags on the generated post
- Allows one-click copy and share to LinkedIn
- Built using Various AI tools like Cursor, ChatGPT and Deepseek. (Backend designed by me)

Hospitality Dashboard — Power BI (UnOfficial)

[View Project](#)

- Performed data cleaning and transformation in Power Query
- Designed a Star Schema and implemented relationships
- Built DAX measures for patient flow, bed occupancy, doctor utilization, medication usage
- Created interactive charts, slicers, and drill-downs
- Published to Power BI Service with scheduled refresh

Certifications

- Google Data Analytics Professional Certificate — **Coursera**
- Foundations of Data Science — **IBM (Coursera)**
- Advanced SQL — **HackerRank**

Education

B.Tech in Agricultural Engineering
AKS University

2015 – 2019