

Eswar Ajay Chowdary Geddam

Data Analyst • Email: geddameswarajay@gmail.com • Phone: +1-223-269-7907 • LinkedIn: www.linkedin.com/in/eswar-ajay • Portfolio: your-portfolio.com

Professional Summary

Detail-oriented Data Analyst with 1.5+ years of experience delivering analytics and reporting solutions using SQL Server, Power BI, and Python. Skilled in ETL, data modeling, dashboarding, and time-series analysis to support data-driven decision-making. Strong collaborator with experience in building production-ready pipelines and actionable business insights.

Key Skills

- Languages & Tools: Python (pandas, NumPy, scikit-learn), SQL Server (T-SQL), Power BI, DAX, SSMS, SSIS, SSRS, SSAS, Azure (basic)
- Data: ETL, data modeling, data validation, data integration, feature engineering
- Analytics & ML: Statistical analysis, forecasting, time-series modeling, anomaly detection, Random Forest, KNN, Decision Trees
- Other: UNIX shell scripting, Git, Streamlit, Excel (advanced)

Professional Experience

Data Analyst • *Apr Hub Technologies Private Limited* • Sep 2020 – Nov 2021

- Led analytics projects and coordinated cross-functional teams to deliver data-driven solutions and manage client deliverables.
- Developed and maintained Power BI dashboards with DAX measures to track KPIs and analyze sales patterns for sportswear products, improving visibility into weekly trends.
- Used SQL Server (T-SQL) to extract, transform, and validate data for ingestion into Azure Data Factory (ADF).
- Designed and executed ETL pipelines using SSIS to integrate disparate data sources into a centralized data warehouse, ensuring data integrity and reproducibility.
- Applied UNIX shell scripting to automate routine data retrieval tasks and assist with file recovery, improving pipeline reliability.
- Built basic sales-forecasting models and generated forecast visualizations in Power BI to support business planning.

Education

Harrisburg University of Science and Technology • Aug 2023 – Dec 2025 (Master's)

M.S. in Information systems engineering and management. Designed normalized schemas and optimized SQL for efficient reporting. Built end-to-end ETL flows and interactive dashboards to monitor business KPIs and produce reproducible analytic reports. (SQL, ETL, data modeling, Power BI/Tableau, DAX).

Mahindra University • Aug 2016 – Sep 2020 (Engineering)

Core engineering foundation in programming, algorithms, system design and software development; strengthened quantitative problem solving and data structures that support large-scale data processing.

Selected Projects

Workout Tracker • GitHub: <https://github.com/Eswar-cdy/maverick-aim-rush.git>

Designed and developed a full-stack fitness tracking platform with Django REST API and PostgreSQL backend, and a React frontend. Implemented JWT authentication, nutrition/workout logging, and a program generator that personalizes training plans. Organized a monorepo for quick iteration and deployment.

Green Engine • GitHub: <https://github.com/Eswar-cdy/green-engine>

Built an IoT → Python → SQL data pipeline and Streamlit analytics dashboard for multi-sensor microgreen growth monitoring. Delivered forecasts, anomaly alerts, and actionable recommendations using EDA, feature engineering, and time-series modeling.

Certifications

- **Udemy — Technical Analysis MasterClass: Trading by Technical Analysis** (Apr 2023). *Certificate ID: UC-091l8e99-54ef-4445-9e86-50d9f6e65e4a; Link: ude.my/UC-091l8e99-54ef-4445-9e86-50d9f6e65e4a*
- MySQL for Data Analytics — Certificate (Mar 2025)