

SNEHITH REDDY JAGGARI

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SUMMARY

Data Analyst skilled in turning messy datasets into clean, structured, and insightful information. Experienced in SQL, Python (Pandas/NumPy), Excel, Power BI, and data validation workflows. Hands-on exposure to building data models, performing logic checks, creating KPI dashboards, and supporting cross-functional teams including product managers, developers, and UI teams. Strong analytical thinker with experience in ESG, financial data, cloud datasets, and real-world product-centric analysis. Comfortable using AI tools (ChatGPT, Copilot) to speed up workflows, automate cleaning, and generate insights.

SKILLS

Data Analysis & Modelling

- Data Cleaning • Data Validation • Schema Design
- Data Modelling • Logic/Integrity Checks
- KPI Reporting • Exploratory Data Analysis (EDA)
- Trend Analysis • Correlation Studies • Forecasting

Tools & Programming

- **SQL, Python** (Pandas, NumPy), Excel (Advanced)
- Power BI, Tableau
- Matplotlib, Seaborn
- Dataverse-style data modelling (conceptual + relational)

Cloud & Databases

- AWS (S3, Glue, Athena, Kinesis)
- Snowflake, NoSQL
- Azure & GCP (Basics)

Other

- Problem-solving • Documentation • Troubleshooting
- Agile • Communication • Team Collaboration

PROJECTS

ESG Performance Analysis & Financial Data Insights Project (Data Analysis Project)

UMBC | 2024

- Cleaned, validated, and standardized multi-source ESG + financial datasets using Python and Excel.
- Designed data models, aligned schemas, and maintained high data quality with logic checks.
- Created ESG scoring indicators and correlated them with financial KPIs to identify trends and risk patterns.
- Built interactive Power BI dashboards to present emissions scores, governance metrics, revenue trends, and risk flags.
- Collaborated with analysts to translate business needs into clear problem statements and actionable insights.

AWS Infrastructure Monitoring & Intelligent Clustering

UMBC | Jan 2025 – Apr 2025

- Processed and validated 10,000+ CloudWatch metrics; ensured data accuracy with structured validation.
- Conducted time-series EDA to detect anomalies and performance degradation.
- Built clustering models (KMeans, DBSCAN) to identify usage patterns and outlier behaviors.
- Created dashboards summarizing system health and performance.
- Worked with engineering teams to interpret anomalies and improve monitoring logic.

EXPERIENCE

Cognizant Technology Solutions – IoT Java Intern

Hyderabad, India | Feb 2023 – Jun 2023

- Developed foundational understanding of data flows in IoT systems and real-time processing.
 - Strengthened analytical and troubleshooting skills in a professional environment.
 - Assisted in validating data behaviors and documenting system processes.
 - Improved communication and collaboration while working with engineering teams.
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EDUCATION

University of Maryland, Baltimore County – USA

Master of Professional Studies (Data Science) | GPA: 3.8 / 4
2023 – 2025

Gokaraju Rangaraju Institute of Engineering and Technology – Hyderabad, India

Bachelor of Technology (Computer Science) | CGPA: 8.7
2019 – 2023