MANISHA SANKALAMADDI

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OBJECTIVE

Results-driven Data Analyst and Engineer with 3+ years of experience designing scalable data pipelines, dashboards, and analytics frameworks. Adept at transforming complex datasets into actionable insights, building automated ETL workflows, and leveraging AI and cloud technologies to drive business value. Seeking to contribute to a forward-thinking organization by combining data engineering precision with analytical storytelling.

PROFESSIONAL SUMMARY

- 3+ years of hands-on experience across **data engineering, analytics, and visualization**, delivering end-to-end data solutions from ingestion to insight.

- Skilled in **ETL/ELT pipeline development**, data modeling, and performance optimization across Snowflake, BigQuery, and AWS ecosystems.

- Expert in designing **interactive dashboards and self-service BI platforms** using Power BI, Tableau, and Looker to drive data-driven decisions.

- Proficient in **Python, SQL, and DAX** for data wrangling, automation, and predictive analytics.

- Strong understanding of **data governance, quality control, and documentation practices** ensuring compliance and reproducibility.

- Experienced collaborating with **cross-functional teams** — engineering, product, HR, and finance — to align analytics with organizational strategy.

- Passionate about building **AI-ready data ecosystems** that enhance scalability, automation, and insight generation.

TECHNICAL SKILLS

- **Languages:** Python (Pandas, NumPy, PySpark), SQL, DAX, Shell

- **Analytics Tools:** Power BI, Tableau, Looker, Google Data Studio

- **Data Engineering:** dbt, Airflow, Azure Data Factory, ETL scripting, API integration

- **Cloud Platforms:** AWS (Glue, Redshift, S3), GCP (BigQuery, Dataproc), Azure Synapse

- **Databases:** Snowflake, PostgreSQL, MySQL, SQL Server

- **AI & ML Tools:** Scikit-learn, ChatGPT/Gemini APIs, NLP for classification and prediction

- **Other:** Git, Docker, Terraform, Data Governance, Agile/Scrum methodology

EXPERIENCE

Integrated Proteins   July 2025 – Present
Data Analyst & Engineer – Analytics Automation & Cloud Data Architecture   *Kansas City, Missouri*

- Built and maintained automated **ETL pipelines** integrating multi-source data into Snowflake and Power BI models for real-time analytics.
- Developed KPI dashboards that unified operations, finance, and logistics data, improving reporting efficiency by 45%.
- Engineered and optimized SQL queries and transformations to support high-volume analytics workloads.

- Implemented data validation and audit frameworks ensuring 99% data integrity across ingestion and transformation layers.
- Collaborated with stakeholders to translate business requirements into actionable data models and visualizations.
- Utilized Python and Pandas for data enrichment, anomaly detection, and forecasting.
- Deployed **AI-assisted scripts** for data quality checks and predictive insights using OpenAI and Gemini APIs.

Sodexo   July 2024 – June 2025
Data Analyst – Power BI & AWS Data Pipelines   *Kansas City, Missouri*
- Designed and deployed AWS-based ETL workflows for HR and operations data, automating manual reporting tasks.
- Built Power BI dashboards to monitor performance metrics and optimize workforce productivity.
- Partnered with data engineering teams to establish unified schemas and data catalogs for consistent reporting.
- Integrated API data sources into Redshift and implemented incremental load logic improving refresh speed by 30%.
- Collaborated cross-functionally with HR and finance to align analytics with strategic KPIs and cost efficiency goals.
- Ensured data governance by standardizing naming conventions and implementing validation rules.
- Supported leadership with executive-level analytics presentations and actionable insights.

RSoft Systems & Services Pvt. Ltd.   June 2021 – June 2023
Data Engineer – GCP BigQuery & Python Automation   *Hyderabad, India*
- Built and maintained scalable data pipelines on **GCP BigQuery and Dataproc**, enabling faster analytics and data processing.
- Developed predictive data models for business forecasting using Python and SQL.
- Automated ingestion of structured and semi-structured data using PySpark and API integrations.
- Partnered with analytics teams to visualize KPIs in Tableau, improving business transparency.
- Enhanced data warehouse performance by optimizing partitioning and clustering logic.
- Documented data flows, lineage, and transformation logic for audit and compliance.
- Collaborated with DevOps to containerize and schedule recurring data jobs using Docker and Airflow.

EDUCATION

University of Missouri–Kansas City   Kansas City, MO
Master's in Computer Science   *Aug 2023 – May 2025*

CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst Associate (PL-300)
- Google Cloud Certified: Professional Data Engineer
- AWS Certified Data Engineer – Associate
- Coursera: Data Engineering on Google Cloud
- Udemy: Advanced SQL for Data Analytics & Engineering