

# SWETHA M

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## PROFESSIONAL SUMMARY

Results-driven Data Analyst with experience in data pipelines, dashboard development, and reporting. Skilled in SQL, Python, Excel, Power BI, and Tableau with expertise in data cleaning, visualization, and analytics. Proven ability to work with cross-functional teams and deliver actionable insights that improve operational efficiency and support data-driven decision-making.

## SKILLS

- **Data Analytics & Visualization:** Power BI, Tableau, Excel
- **Databases:** MySQL, PostgreSQL, MS SQL Server, CouchDB
- **Statistical Analysis:** Regression, Correlation
- **Tools & Platforms:** Jupyter Notebook, Git, Postman, Excel (Advanced), Docker (basic)
- **Programming & Scripting:** Python (Pandas, NumPy), SQL
- **ETL & Data Wrangling:** Data pipelines, Data transformation
- **Data Engineering:** ETL development, Data modeling, Data pipelines

## EXPERIENCE

**DATA ENGINEER / DATA ANALYST** 10/2024 to Current  
**MISC Group**, Chennai, India

- Designed and automated Power BI dashboards for vessel performance monitoring using SQL and Excel data sources.
- Improved operational efficiency by 15% through automated transformation reports and streamlined reporting workflows.
- Authored complex SQL queries to generate maintenance and performance reports, improving insights by 20%.
- Collaborated with cross-functional teams to integrate analytics into decision-making for fleet management.

**DATA ENGINEER / ANALYST** 08/2023 to 09/2024  
**MagellanX**, Chennai, India

- Developed data models and implemented automated reporting pipelines for real-time analytics.
- Transformed CouchDB JSON data into structured CSV and delivered analytical insights for client purchase orders.
- Created SQL queries and visualizations tailored to backend developer and business requirements.
- Enhanced data accuracy and efficiency by automating reporting processes using Python and Pandas.

**ASSOCIATE DATA ANALYST** 02/2023 to 07/2023  
**Mindmax Technologies**, Chennai, India

- Developed retail analytics dashboards tracking 200+ store data, reducing reporting time by 75%.
- Automated daily reporting processes using Python and SQL, saving 20+ hours weekly.
- Collaborated with clients to understand requirements and deliver tailored analytical solutions.

## EDUCATION

M.Tech : Big Data Analytics, **01/2023**  
**SRM Institute of Science and Technology** - Chennai  
B.E : Electronics & Communication Engineering, **01/2020**  
**PSNA College of Engineering & Technology** - Dindigul

## CERTIFICATIONS

- SQL Certificate
- Snowflake Certificate
- Tableau Essential Training
- Learning Excel: Data Analysis