




# SWATHI BHASKARAN

Data Analyst/Data Engineer

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## PROFILE

Results-driven data professional with over 5 years of experience in business operations management. Proven expertise in developing and deploying management and executive dashboards and reports using BI tools like Power BI and Tableau. Adept at utilizing SQL to develop financial reporting metrics and KPIs, and working with business processes to drive actionable outcomes.

## EDUCATION

**DEGREE/MAJOR**  
**Wayne State University**  
2025  
**Amrita School of Engineering**  
2017

## TECHNICAL SKILLS

- Python
- SQL
- Tableau
- DuckDB
- PowerBI
- Microsoft Azure

## EXPERTISE

- Dashboard Development
- Data Pipeline Engineering
- Data Quality & Monitoring
- SQL & Data Analysis
- ETL Development
- Performance Optimization
- Stakeholder Collaboration

## EXPERIENCE

**JOB ROLE**  
**Flipkart|Bengaluru | 2020-2022**

Led the central platform team building and maintaining data pipelines processing millions of transaction records daily. Engineered ETL pipelines for financial forecasting, data quality monitoring, and real-time analytics.

- Built and scaled batch and real-time data pipelines processing millions of transaction records daily, achieving 99.9% reliability for financial forecasting workflows.
- Designed predictive financial models using Python and Azure Shell Scripting, improving forecast accuracy by 15% and enabling data-driven decision-making.
- Collaborated with executive stakeholders across finance, operations, and technology teams to translate technical performance metrics into business value, driving alignment on digital transformation initiatives.
- Implemented monitoring and alerting services for pipeline failures, SLA breaches, and data anomalies, enabling proactive issue resolution and maintaining high system availability.
- Created user stories and UAT plans for technology deployments, ensuring smooth adoption and minimizing delivery risks across strategic engagements.
- Reduced manual reporting time by 70% by automating data pipelines and creating self-service features for Data Operations teams.
- Developed automated validation systems that enforced data quality controls, reducing data quality issues and ensuring pipeline integrity.

**JOB ROLE**  
**Cognizant | Bengaluru | 2018 - 2020**

Designed and implemented database solutions and data integration processes for corporate and customer information systems. Collaborated with cross-functional teams to resolve data flow issues and ensure data integrity across enterprise systems.

- Designed complex logical database schemas and relational data models supporting corporate and customer information systems, enabling efficient data storage and retrieval.
- Developed and implemented ETL processes integrating data from external systems, front-end applications, and underutilized data sources, expanding data accessibility for analytics teams.
- Resolved critical information flow issues by collaborating with customers, vendors, business analysts, and application development teams, reducing data integration bottlenecks.
- Established automated metadata capture processes ensuring data integrity and consistency, reducing manual validation effort and improving data reliability.
- Evaluated and prioritized new data requests from stakeholders, gathering requirements and communicating system changes, ensuring alignment between business needs and technical capabilities.
- Created standardized data definitions and logical data models that supported multiple application development projects, facilitating consistent data usage across the organization.