

Udith Thedla

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Professional Summary

Business Data Analyst with expertise in Python, SQL, Tableau, Power BI, AWS, and Spark with a proven track record of improving data reliability by 95%. Built dashboards, & reports that enhanced data visualization by 15% and ensured 95%+ data accuracy with driving efficiency across finance, technology, & supply chain analytics.

Technical Skills

Programming & Query Languages: Python, SQL, R, Java, C, DAX, Bash, VBA

Data Analytics & Visualization Tools: Power BI, Tableau, Looker, Amazon QuickSight, Qlik, Excel (Power Query, Pivot Tables, Macros), Pandas, NumPy, Matplotlib, Seaborn, Alteryx, Microsoft Visio, Power Automate

Cloud & Data Engineering Tools: AWS (Redshift, S3, Lambda), Azure Data Factory, GCP, Apache Spark, Databricks, Hadoop, Hive, ETL, SSIS, Informatica, Talend, Alteryx, Airflow, EZCap, Salesforce Analytics

Workflow & Dev Tools: Git, GitHub, VS Code, JIRA, Postman, RStudio, Eclipse, Confluence, Agile/Scrum

Databases: PostgreSQL, MySQL, MongoDB, Oracle DB, Snowflake, Google BigQuery

Concepts: A/B Testing, Data Modeling, Forecasting, Clustering, Text Analytics, Data Storytelling, Reporting

Experience

Business Data Analyst, Concentrix Catalyst, India

Nov 2020 – Dec 2023

- Engineered & delivered over 55 interactive dashboards utilizing **Power BI**, **Tableau**, **Looker**, integrating data from **Snowflake**, **BigQuery**, **Salesforce**, & **Excel** to enhance **KPIs** & reduce reporting cycle time by 40%.
- Developed and optimized scalable **ETL** pipelines with **Azure Data Factory**, **Informatica**, **Talend**, **SSIS**, **Alteryx**, and **Airflow** to automate the ingestion and transformation of more than 1 million daily rows from **AWS S3**, **SQL Server**, and **Finacle**, increasing pipeline reliability by 95% and decreasing data latency by 65%.
- Conducted advanced analytics using **Python (Pandas, NumPy, scikit-learn, Seaborn)** & **SQL** to identify revenue leakage & fraud patterns, facilitating business rule modifications that recovered over \$300K annually.
- Optimized **Apache Spark** workflows in **Databricks**, resulting in reduced job execution time, and automated compliance and data validation with **Bash**, **SQL**, **SSRS**, and **Excel**, cutting audit prep time by 6 hours.
- Developed cost dashboards for **AWS Redshift** and **Tableau** & spearheaded data governance efforts by improving metadata, validation protocols, & which increased data reliability by 40% & facilitated more efficient audits.
- Collaborated in **Agile** sprints with product owners & business teams to establish **KPIs** and launch enterprise-wide analytics modules for risk, lending, and investment reporting, boosting risk assessment efficiency by 22%.

Data Analyst Intern, Concentrix Catalyst, India

Jan 2019 – Nov 2020

- Built and automated **ETL** processes using **Python** and **SQL**, which decreased manual effort by 40% and enabled faster data processing across teams.
- Conducted **data cleaning** and modeling tasks in **R** and **Python**, ensuring data accuracy and performance.
- Developed and deployed **Tableau** and **Power BI** dashboards, enhancing strategic planning and user engagement by 50% and optimizing **SQL** queries to improve data retrieval speed by 40%.
- Enhanced real-time data accessibility for more than 210 individuals across several departments by integrating **Microsoft Power BI** dashboards with live data streams increasing the efficiency.
- Executed **A/B testing**, and designed custom risk algorithms using **Pandas**, identifying inconsistencies in portfolios, while improving marketing **ROI** by 18%.

Projects

Airbnb Listings Data and Dashboarding Project

ETL, AWS S3, Power BI, Amazon QuickSight

- Automated the process of collecting and updating Airbnb listing data & maximizing revenue by 30%.

Digital Music Store Data Analysis

SQL, RStudio, AWS Redshift, Python

- Leveraged SQL queries to analyze music store data and provided insights to drive data-driven decision-making.

Certifications

- Google Data Analytics Professional Certificate [🔗](#)

Education

Master's Degree (MS), Computer & Information Systems

(Jan 2024–May 2025)

Colorado State University, Fort Collins, CO