Udith Thedla

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Professional Summary

Data Analyst with expertise in SQL, Python, Power BI, Tableau, specializing in ETL, automation, data visualization and improving data retrieval efficiency by 20% using SQL. Built dashboards, reports that enhanced data visualization by 15% and ensured 95%+ data accuracy with R and Python. Optimized database structures, boosting performance by 30%.

Technical Skills

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

Data Analytics & Visualization Tools: Power BI, Tableau, Amazon QuickSight, Qlik, Excel, Pandas, NumPy, Matplotlib, Seaborn, Alteryx, Micorsoft Visio, Power Automate

Data Engineering Tools: Apache Spark, Hadoop, Hive, ETL Pipelines

Workflow & Dev Tools: Git, GitHub, VS Code, JIRA, Postman, RStudio, Eclipse

Databases: PostgreSQL, MySQL, MongoDB, Oracle DB

Concepts: Data Wrangling, Data Modeling, Forecasting, Clustering, Text Analytics, Data Storytelling, Reporting

Experience

Data Analyst, Concentrix Catalyst, Hyderabad, India   **Jan 2019 – Dec 2023**

- Implemented **ETL** pipelines with **Python** and **SQL**, automating the loading, transformation, and extraction of data and reducing manual effort by 40%.
- Conducted **data cleaning** and modeling tasks in **R** and **Python**, ensuring data accuracy. Designed optimized database structures and implemented best **SQL** practices for performance.
- Enhanced communication of key metrics and trends through **Tableau** dashboards, reducing report generation time. Used Python scripting to automate data processing tasks, increasing workflow efficiency.
- Leveraged **R** for **data analysis** and **visualization** generating actionable insights that increased efficiency, Utilized **Tableau** to design interactive dashboards, enhancing strategic planning and user engagement by 50%.
- 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.
- Proficiently queried databases with **SQL**, optimizing data retrieval, reducing query execution time. Created dynamic reports in **Power BI**, enhancing data-driven decision-making by 40%.
- Assisted the **UI/UX** team reduce the average page load time by 1.2 seconds by using **Google Analytics** to find and report website bottlenecks, improving user experience and increasing conversion rates.
- Designed and carried out **A/B testing** to assess marketing strategies and feature adjustments and developed risk algorithms from the scratch with **Pandas**, automating the process of identifying portfolio inconsistencies.
- Conducted comprehensive **data analysis** to identify market trends, providing insights that optimized marketing campaigns and improved return on investment (ROI) by 18%.

Academic Projects

Airbnb Listings Data and Dashboarding Project   *ETL, Power BI, SQL*

- Automated the process of collecting and updating Airbnb listing data, cutting update time by 30%. Created multiple dashboards to help hosts track occupancy, pricing, and trends to maximize revenue.

Digital Music Store Data Analysis   *SQL, RStudio*

- Leveraged SQL queries to analyze music store data, identifying gaps and growth opportunities. Provided insights into sales trends and inventory inefficiencies to drive data-driven decision-making.

Diwali Sales Analysis   *Python, SQL, Tableau*

- Performed exploratory data analysis on Diwali sales data using Python to identify customer trends and sales patterns. Generated insights to enhance customer experience and optimize business strategies.

Certifications

- Google Data Analytics Professional Certificate ↗

Education

Master's Degree (MS), Computer & Information Systems   **(Jan 2024–May 2025)**
Colorado State University, Fort Collins, CO