

# UDITH THEDLA

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🐙 [github.com/UdithThedla](https://github.com/UdithThedla)

🏠 <https://udiththedla.github.io/udiththedla-portfolio/>

## Summary

Data Analyst with expertise in SQL, Python, and Power BI, specializing in data visualization, automation, ETL and improving data retrieval efficiency by 20% using SQL. Built Power BI 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

**Languages:** Python, Java, RStudio, C, HTML, CSS, SQL, DAX, C#

**Technologies/Frameworks:** MySQL, RESTful APIs, GitHub, Oracle, Git, .NET, Microsoft Power BI, ETL, Tableau, Salesforce, Pandas, NumPy, Matplotlib, Django, Flask

**Developer Tools:** VS Code, JIRA, Postman, Eclipse, Snowflake

**Other Skills:** Word, PowerPoint, Excel

## Experience

### Data Analyst — *Concentrix Catalyst*

Jan 2020– Dec 2023

Hyderabad, India

- 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.
- 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%.

## Projects

### Airbnb Listings Data ETL and Dashboarding Project

- 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 using SQL

- 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.

### Data Analysis using Python

- 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 

## Leadership / Awards

- Dean's List of Honors 
- Director of Indian Students Association at Colorado State University

## Education

### Colorado State University

Jan 2024 – May 2025

Master's in Computer Information Systems

**Subjects:** Business Intelligence, Object-Oriented Systems, Data Visualization