UDITH THEDLA

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🔒 https://udiththedla.github.io/udiththedla-portfolio/

Summary

Detail-oriented 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*　　　　　　　　　　　　　　　　　　　　　　**Nov 2020– May 2023**
Hyderabad, India
- Proficiently queried databases with **SQL**, optimizing data retrieval, reducing query execution time by 25%. Developed **dynamic reports in Power BI**, by integrating diverse data sources enhancing data-driven decision-making 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.
- 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 communication of **key metrics** and **trends** through **Tableau** dashboards, reducing report generation time. Used **Python** scripting to automate data processing tasks, increasing workflow efficiency.
- 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.
- Enhance **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 by 30%.
- 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%.
- **ETL pipelines were implemented with Python and SQL**, automating the loading, transformation, and extraction of data and reducing manual effort by 40%.

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
- IBM Data Analytics Professional
- Associate Certified Analytics Professional

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