Mayada Yousuf

Data Analyst | Database Administrator | Power Bi Developer
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https://www.linkedin.com/in/ma-yo | https://mayada96.github.io/MayadaTheAnalyst.github.io/

PROFILE

Experienced data analyst and developer specializing in data collection, analysis, and visualization. Proven expertise in SQL, Power BI, Excel, and Python. Committed to enhancing operational efficiencies through data insights. Skilled in constructing and maintaining activity data dashboards for timely analysis and optimization in the Internet financial industry.

SKILLS

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib, Selenium)
- Tableau and Microsoft Power BI
- Excel (VLookup, Conditional Formatting, Pivot tables)
- AB Experiment Design and Analysis
- Git/GitHub

- Time Management
- Shell Navigation and Scripting.
- Statistical Modeling
- Problem-Solving
- Ability to work under pressure
- Detail-Oriented
- Teamwork
- Communication

WORK EXPERIENCE

Data Analyst and Administrator   March 2022 - Present
Commission for Social Safety, Solidarity and Poverty Reduction – Khartoum, Sudan

- Installed, and configured various SQL server editions, developing and managing databases for critical projects.
- Designed and implemented two databases catering to the THAMARAT and Strategic Support projects, ensuring efficient data organization and access of more than 400,000 family.
- Managed and maintained databases, executing SQL queries, and ensuring data integrity and security.
- Extracted, Cleaned, and organize data, the distributed it to team members using Excel sheet, employing pivot tables and Excel formulas providing 100 % clean data.
- Collaborated with various teams across the commission to comprehend their unique requirements
- Identified trends, anomalies, and issues within datasets, proposing viable solutions.
- Utilized Power BI to create visual reports for presentation to the Commissioner and financial Manager, applying DAX for enhanced analytics and reports generation.
- Analyzed data to drive key HR performance indicators (KPIs) and prepared detailed reports.
- Implemented and maintained interactive data-driven website's frontend, ensuing 90 % user-friendly interfaces for data management and entry system.

Technical Support   March 2021 – February 2022
Commission for Social Safety, Solidarity and Poverty Reduction – Khartoum, Sudan

- Processed beneficiaries' data via RAS system and MS SQL server, actively supporting over 700,000 cash cards during various projects.
- Installed and updated computer systems, servers, and software, providing technical assistance and handling technical issues for covid-19 and THAMARAT projects.

National Service   March 2020 – February 2021

Saving and Social Development Bank – Khartoum, Sudan

- Handled Customer services, solved cash cards issues, and address complaints.

PROJECTS

BUSINESS ANALYSIS WITH SQL – Personal Project

- Comprehensive business analysis project using **SQL** to analyze order data from 2019 and 2020.
- Utilized **SQL Server** to extract data from 4 different related tables from customer sales databases using JOIN and VIEW.
- Perform **ABC analysis** to categorize products into A, B, and C categories based on their importance.
- Conduct **RFM** (Recency, Frequency, Monetary) analysis to segment customers based on their purchase behavior.

Link: https://github.com/mayada96/Business-Analysis-Project-With-SQL

DLD_DATA_EXPLORATION– Personal Project

- Automated web scraping of transaction data from DLD website using **Python** and **Selenium**.
- Extracted data stored in **CSV** format and imported into Power BI for analysis.
- Utilized **Power BI** for **data visualization**, creating interactive dashboards to analyze transaction trends and market insights.
- Highlighted **statistics** and **KPIs** of the data by using **DAX.**

Link: https://github.com/mayada96/DLD_Data_Exploration_and_Visualization

EDUCATION

Bachelor of Engineering in Electrical Engineering (Computer Engineering)   December 2019

Alzaiem Alazhari University – Khartoum, Sudan

COURSES

CCNA v1.0 (200-301)

SUDATEL TELECOMMUNICATION ACADEMY (Sudacad)