Data Analyst

KATHULE KASYOKI

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Skills

- SQL (SQL Server, MySQL)
- Python (Pandas, NumPy, SciPy, MatPlotLib)
- Tableau (Dashboards, Actions)
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
- Microsoft Power BI (DAX, Power Query, Data Modeling)

Projects

AIRBNB PROPERTY INVESTMENT – Tableau Dashboard

- Utilized **Tableau** to analyze 3818 Airbnb property listings and gain insights on what it takes to invest in properties.
- Used different types of visualization to show the correlation between location, average price, annual revenue and size of houses.

TENNESEE HOUSING DATA CLEANING – Data cleaning with SQL

- Used **SQL** to prepare data from its raw form, cleaned it and transformed it in readiness for analysis.
- Standardized dates, used substrings, and parse name, removed duplicates enhancing data cleanliness and presentability of data.

CAR SALES DASHBOARD – Power BI Dashboard

- Created a dashboard with **Power Bi** to assist stakeholders in the Car Sales company make informed decisions at a glance.
- Transformed and processed client's data by using DAX and Excel to ensure data accuracy and completeness.

COVID 19 DATA EXPLORATION – Data Exploration with SQL

- Utilized **SQL** to extract data from 2 different related tables from customer sales databases using **JOIN** and **VIEW.**
- Transformed and filtered data by using aggregating and filtering function and converted data types to improve reporting process.
- Utilized Temp tables, CTEs, and Windows functions as well to perform calculations.

Certifications

- Data Analytics essentials
- Data Analytics Bootcamp

Work Experience

DATA ENTRY – Promind Group – Nairobi, Kenya   May 2023-Jan 2024

- Processed an average of 50 partner data details for Safaricom PLC, ensuring their database is up to date and maintaining 99% accuracy.
- Ensured end of day reports were cleaned and accurate by utilizing Excel and basic SQL, resulting in enhanced data integrity.
- Maintained high data security and confidentiality standards resulting in partner loyalty and increasing investment by 20%.

GEOLOGY AND MINES PERSONNEL – Ministry of Water, Sanitation and Irrigation   Feb 2022-Feb 2023

- Generated insightful reports and dynamic dashboards upon inspection of Water and Sanitation Projects around the country, effectively informing their progress and insights. These efforts led to a significant 20% reduction in project time delays.
- Extensively used Excel to clean and transform data provided by Consultants and Water Service Providers to inform processing of Interim Payment Certificates. This approach improved data management and contributed to timely payment processing.
- Engaged in timely processing of Expatriate work permit renewals, facilitating uninterrupted operation of ongoing projects promoting efficiency and continuity.

Education

BACHELOR OF SCIENCE IN GEOLOGY – University of Nairobi- Nairobi, Kenya   September 2020