

MUSYOKI MUNYOKI

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CAREER AIM

Passionate and results-driven Data Analyst dedicated to uncovering insights within intricate datasets. Eager to apply advanced statistical analysis, data modeling, and data visualization techniques to extract actionable information. Seeking a challenging role where I can leverage my expertise in transforming raw data into strategic solutions, ultimately improving business outcomes and driving innovation.

EDUCATION

- ZETECH UNIVERSITY

Bachelor of Science in Information Technology (Graduated November 2023)

- o Second class Upper Division
- o Certificate

- AFRICAN LEADERSHIP GROUP (ALX)

Data Science Program (Ongoing, Data Analysis Part Completed)

- o Certificate(Expected Completion: August, 2024)

SKILLS

Python, SQL, MS Excel, Data cleaning, Statistical Analysis, Data visualization, Power BI

Python: Numpy, Pandas, Matplotlib, Seaborn

Experienced in analyzing complex datasets and presenting insights through clear and actionable reports

PROJECTS

1. Conducted an exploratory data analysis on a Netflix dataset to investigate the trend in movie durations over the years. Utilized Python and Pandas to clean and preprocess the data, including handling missing values and converting date formats. Generated visualizations using Matplotlib to illustrate trends and performed statistical analysis to determine if movie lengths are declining. Results indicated no significant

decrease in average movie durations, providing valuable insights into the entertainment industry's evolving content length trends.

2. Conducted in-depth analysis of a diverse dataset using Excel and Power BI.

Processed and cleaned transactional data with meticulous attention to accuracy.

Developed interactive dashboards highlighting product sales trends and customer purchasing patterns.

Showcased expertise in data analysis, providing valuable insights for informed decision-making.

3. In my supermarket sales analysis project, I collected and cleaned sales data to ensure accuracy. Then, I used Excel to analyze sales patterns, peak times, and high-performing products. I created visualizations such as charts and graphs to represent these trends. The findings were compiled into a detailed report to support data-driven decision-making, enhancing my skills in data analysis, Excel, and data visualization.

4. Conducted an in-depth analysis of sales data spanning transactions from January 1, 2014, to January 3, 2014, across various product categories (Chapati Madondo, Mayai Boilo, Samosa, Ugali Saucer, Virenje) and regions in Kenya. Leveraged advanced data analysis techniques including statistical analysis, trend analysis, and correlation analysis to derive actionable insights. Managed and interpreted a dataset of over 100 transactions, optimizing sales strategies and enhancing decision-making processes within a simulated retail environment. Produced comprehensive reports with data visualizations using Excel, SQL, and Tableau, presenting findings that informed strategic business planning and facilitated improvements in sales performance and operational efficiency.

INTERESTS

Exploring new trends in data science and analytics

Participating in data visualization challenges and competitions

Keeping up-to-date with advancements in machine learning and artificial intelligence

Engaging in online forums and communities to discuss data analysis methodologies

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