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# STATISTICS

**DATA COLLECTION ~ DATA MANAGEMENT ~ DATA ANALYSIS ~ DATA VISUALIZATION ~ DISPATCH & WAREHOUSING**

A dedicated and analytical graduate specializing in statistics, I have spent the past year immersed in the world of research and statistical analysis, demonstrating expertise and proficiency in data collection, management, analysis, and visualization. Alongside, I have acquired hands-on experience in dispatch, warehousing supervision, inventory management, and invoicing over the past year. This comprehensive background has equipped me with a unique perspective on operational efficiency and quality control. I excel in synthesizing complex information, identifying trends, and implementing strategies to optimize processes. With a keen eye for detail and a commitment to excellence, I am eager to apply my statistical expertise and operational experience across various fields, where my skills in data analysis and process optimization can drive impactful outcomes.



**EDUCATIONAL BACKGROUND**

* Bachelor of Science In Statistics, Second Class Upper Division, Jomo Kenyatta University of Agriculture and Technology, 2017- 2021.
* Kenya Certificate of Secondary Education (K.C.S.E),Grade B+ (Plus), Ofafa Jericho High School, 2013 - 2016.

**MUTEKU BRIAN SHISANYA**

* Kenya Certificate of Primary Education(K.CP.E) , Grade B (366/500) , Bondeni Primary School, 2003 - 2012



**KEY PROFESSIONAL SKILLS**

* Advanced proficiency in statistical analysis, including data collection, management, analysis, and visualization.
* Expertise in utilizing statistical tools and software for interpreting complex data sets and identifying trends.
* Strong analytical skills to derive insights from data and make informed decisions to optimize processes.
* Ability to develop and implement efficient data collection methodologies to ensure accuracy and reliability.
* Proficient in dispatch operations, including scheduling, routing, and tracking shipments to ensure timely delivery.
* Excellent organizational skills to manage inventory effectively and minimize stock discrepancies.
* Knowledge of supply chain management principles to streamline warehouse operations and improve efficiency.
* Familiarity with inventory management systems to monitor stock levels and facilitate reorder processes.
* Effective communication skills to coordinate with cross-functional teams and external stakeholders.
* Detail-oriented approach to ensure accuracy in invoicing and financial transactions.
* Strong problem-solving abilities to address challenges in dispatch and warehouse operations.
* Adaptability to changing priorities and ability to work efficiently under pressure to meet deadlines.
* Commitment to safety protocols and regulations to maintain a secure working environment.
* Leadership skills to supervise and motivate teams in dispatch and warehouse settings to achieve operational goals.

Ability to effectively lead, coach and develop a work team to accomplish operational objectives.

I am proficient in Microsoft suites including Excel, Internet and emails.



**ICT COMPETENCE**

Data collection Tools: - ODK, Survey CTO, Redcap, SurveyMonkey, CommCare

Statistical Analysis Software: - STATA, R, SPSS, SAS

Data visualization: Power BI, Excel

Qualitative Data Analysis: NVIVO

Database Management: - MySQL



**WORK EXPERIENCE**

## HIGHLANDS DRINKS LIMITED, Machakos May 2024 – To date

**Warehouse Manger:**

* Oversee day to day operation of the depot, including receiving, storing and dispatching goods.
* Efficient handling and monitoring of inventory and ensuring stock levels are achieved.
* Implemented inventory management system that tracks stock level, orders and shipments accurately.
* Ensured OTIF is achieved always
* Resolved issues rel;ated to delays in transportation and communicating with the customers needed.
* Recruiting and training and supervising depot staff.
* Providing leadership and direction to ensure team members understand their roles and responsibilities.
* Schedule and oversee maintenance and repairs of equipment’s and facility as needed.
* Prepared daily and monthly reports.
* Addressed customer inquiries and concerns ina timely and professional manner.

## HIGHLANDS DRINKS LIMITED, Kisumu March 2023 – May 2024.

**Invoicing Clerk:**

* Planning of daily deliveries
* Order booking and following up with customer feedback and queries for satisfactory..
* Route alignment to ensure effectiveness of delivery and cutting on logistic cost
* Generated and process invoices for all completed orders accurately and in a timely manner.
* Resolved billing discrepancies and issues promptly to ensure customer satisfaction.
* Coordinate the receipt, storage, and dispatch of goods in a timely manner.
* Monitor inventory levels and assist in stocktaking activities.
* Supervise warehouse staff in the absence of the Warehouse Manager.
* Maintain accurate records of warehouse activities and prepare reports for management.
* Assist in the implementation and monitoring of warehouse performance metrics

## FOOD FOR EDUCATION, Kiambu November 2022 – March 2023

**Tapping Agent:**

* Tapping during lunch times by the tappng gadget that uses NFC( Near field communication)
* Responsible for maintening a good rapport between the school and the organization and the parents.
* Responsible for ensuring quality and standards of food being provided to students is of best quality.
* Prepared daily and weekly reports
* Responsible for reconciliation of money paid by parents.

**Key Achievements:**

* Part of the group that led to the formation and implementation of the Tech system being used by the organization by the proposal and suggestion brought therein.

## Adaptive Management Research Consultancy(AMREC) ,Kisumu Jan 2022- November 2022

**Key Contributions & Results:**

* Successfully designed and implemented efficient data collection processes, resulting in a 25% increase in data accuracy and completeness.
* Conducted comprehensive data analyses that led to actionable insights.
* Created and automated interactive dashboards using tools like Tableau and Power BI, reducing manual reporting time by 40%.
* Analyzed historical data to identify emerging trends, aiding in the development of new product lines and market strategies.
* Provided mentorship to students in campus with statistical background leading to 50% increase in attendees data cleaning and analysis and 45% improvement in programming of data collection tools such as KOBO, ODK(Open Data Kit) and Commcare.
* Demonstrated proficiency in in mathematical modeling with R resulting to a 95% successful completion rate in R-programming.



**PROJECTS**

**1 .Maternal Mortality Analysis in Kiambu using Negative Binomial Model**

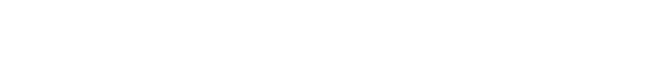
* Gathered medical data of women likely having hypertension and analyzed whether their regular visits to hospital duing antenatal care visits is likely a cause to maternal mortality with interaction and without interaction.
* Predicted a model for the outcomes of the likely causes of maternal mortality.

2.  **Sanitation in Kisumu County.**

* Conducted data across 3 wards in Kisumu namely Seme, Migosi and Nyalenda which were classified as urban, semi urban and rural.
* Analyzed variables related to sanitation, mode of human disposal, toilet availability, number of people using the facility, and knowhow of the fresh life toilet and how frequent their toilets are emptied.

3. **KEMRI Hackerthon Anti- Tobacco Public Health Education Campains.**

* Conducted data collection across seven counties.
* Analyzed variables related to age,gender and public health warnings using R
* Increased campaign effectiveness by 30% compared to prior efforts.



**PROFESSIONAL TRAINING AND**

**CERTIFICATION**

**Monitoring and Evaluation** conducted by the philanthropy University .

**Computer Skills/Computer Packages/ Stata/ R**

**GCP -Social and Behavioral Research Best Practices for clinical Research**



**REFERENCES**

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