

# Curriculum Vitae

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Career Goal:	<ul style="list-style-type: none"><li>❖ Utilize and enhance my data analysis skills and commercial experience further to help an organization in development and implementation of its objectives while in the long run assume a leadership position.</li></ul>	
Personal Attributes:	<ul style="list-style-type: none"><li>❖ Strong analytical skills with excellent attention to detail.</li><li>❖ Excellent coordination, interpersonal and communication skills.</li><li>❖ Well organized, reliable, self-driven and motivated individual.</li><li>❖ Capacity to adequately handle huge work load and work under minimum supervision.</li><li>❖ Ability to work effectively with people at all levels.</li><li>❖ Effective planning and decision making abilities.</li><li>❖ Ability to learn, process and apply new skills and concepts quickly and efficiently.</li></ul>	
Key Skills:	<ul style="list-style-type: none"><li>❖ High level proficiency in Microsoft Office tools (Word, Excel, PowerPoint, Outlook).</li><li>❖ Advanced knowledge and experience using statistical software such as R (RStudio, tidyverse, markdown), SPSS and STATA.</li><li>❖ Familiarity and excellent understanding of statistics skills, such as distributions, statistical testing, regression, machine learning algorithms and data visualization.</li><li>❖ Proficiency in SAP ERP, specifically Materials Management, Sales &amp; distribution and Supplier Relationship Management modules.</li><li>❖ Fluency in written and spoken English and Kiswahili.</li><li>❖ Trained Internal Auditor Quality Management Systems ISO 9001:2015</li><li>❖ Trained Fire Marshal and First aider.</li></ul>	
Academic Background:	2014 – 2017	<b>University of Nairobi</b> Master of Science in Statistics
	2008 – 2012	<b>University of Nairobi</b> Bachelor of Science in Mathematics (Second Class Honours, Upper Division)
	2003 – 2006	<b>Kareng'ata Academy</b> K.C.S.E : Grade A- (minus)
	1993 – 2002	<b>Moi Educational Center</b> K.C.P.E : 379/500; Grade A- (minus)

## Working Experience:

### **August 2021 to December 2022 Africa Mental Health Research and Training Foundation**

- Biostatistician/Data scientist
- ❖ Conduct statistical analysis and interpretation of quantitative data for projects using SPSS, STATA and R.
- ❖ Visualize data for reports, presentations, and manuscripts with ggplot/plotly or relevant tools.
- ❖ Analyze clinical trials and longitudinal data, summarize and interpret results using advanced statistical models, such as generalized linear models and linear mixed models.
- ❖ Process data analysis outputs and perform interim and final analysis, based on corresponding author/investigator instructions for publication in journals or reports or presentations in workshops or conferences.
- ❖ Calculation of sample size for proposed studies.
- ❖ Write detailed analysis plans and descriptions of analyses and findings for grant applications, research protocols, or manuscripts
- ❖ Conduct data quality checks and come up with ways of solving any issues as they arise.
- ❖ Assign work and provide guidance related to data entry.
- ❖ Participate in the designing of data collection tools, templates and questionnaires.
- ❖ In consultation with Research supervisor, work within projected timelines to ensure analysis objectives of assigned projects are met.

### **July 2020 to July 2021 Ministry of Health - National Public Health Laboratory Services**

- Data scientist consultant
- ❖ Analyzing data for COVID-19 and HIV Viral Load.
- ❖ Filter and clean large data sets.
- ❖ Creating R shiny apps, data visualizations and spatial mapping.
- ❖ Analyze data, create reports and interpret results using statistical techniques i.e logistic regression, descriptive statistics.

### **January 2019 – October 2020 Phillips Pharmaceuticals Limited**

- Commercial Assistant

### **August 2012 – December 2018 Phillips Healthcare Technologies Limited**

- Commercial Assistant

### **Tenders & Pricing**

- ❖ Manage and monitor bid preparation and submission process to ensure compliance to mandatory documents and timely submissions.
- ❖ Provides support to contracts, ensuring compliance to contracting procedures.
- ❖ Review win/loss and manage feedback by compiling analysis reports on tender performance.
- ❖ Computing of competitive tender pricing structures based on proposed

	<p>prices by manufacturer.</p> <ul style="list-style-type: none"> <li>❖ Coordinate with management to implement market pricing structure for company products as per internally agreed margins.</li> <li>❖ Costing and Transfer Pricing responsibility for intercompany transfers.</li> <li>❖ Perform SAP price maintenance entry, discounts and tender contract prices.</li> </ul> <p><b><u>Sales Analysis &amp; Inventory Management</u></b></p> <ul style="list-style-type: none"> <li>❖ Prepare detailed historical sales reports detailing past performance to support demand planning and forecasting process of up to 18months.</li> <li>❖ Advise senior management and sales teams on monthly sales reports to track sales targets acquired.</li> <li>❖ Extract sales data from SAP, Filter and "clean" the data then provide correct and accurate sales analysis reports, tables and graphs for senior management of various principals.</li> <li>❖ Compiling monthly and yearly reports on short expiry products for sales team and senior management.</li> <li>❖ Perform SAP product Master data maintenance entry, Inventory list report, Batch &amp; quantity adjustment after stock take and product Batch expiry list.</li> <li>❖ Coordinate with customer care team to resolve price queries and ensure all orders are invoiced and recorded with correct prices in SAP.</li> <li>❖ Assist in monthly supply planning by carrying out stock analysis and generating orders with suppliers in SAP.</li> <li>❖ Preparing SAP quotations to customers.</li> <li>❖ Raising LPO's in SAP for goods as requisitioned from demand planning and forecast process.</li> <li>❖ Ensure and make follow up LPO's are internally approved, review supplier Purchase orders and verify order confirmation.</li> <li>❖ In liaison with shipping department, align SAP LPO's with suppliers to have the necessary required documents for imports. i.e. Import Declaration Forms, Import Permits, Invoices.</li> </ul>
<b>Certifications:</b>	<p><b>July – September 2009</b>      <b>Institute of Advanced Technology</b> International Computer Driving License Certificate</p>
<b>Trainings:</b>	<p><b>2nd – 5th April 2019</b>      <b>Colozzy Data Analytics and Research Solutions</b> Introduction to Data Management and Analysis using STATA</p> <p><b>4th – 7th June 2018</b>      <b>Amref Health Africa</b> Statistical Data Analysis Course Level 2 using SPSS</p> <p><b>6th – 8th March 2018</b>      <b>Amref Health Africa</b> Statistical Data Analysis Course Level 1 using SPSS</p>
<b>Publications:</b>	<p>1. Momanyi, R. O., &amp; Ottieno, J. A. M. (2020). Generating Distribution Functions Based on Burr Differential Equation. <i>Journal of Advances in Mathematics and Computer Science</i>, 35(8), 55-64. <a href="https://doi.org/10.9734/jamcs/2020/v35i830313">https://doi.org/10.9734/jamcs/2020/v35i830313</a></p>

Availability:	One Month notice	
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