

# KAIBUNG'A BETTY KINYA | Data Analyst and Researcher

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## CAREER SUMMARY

Detail oriented professional with experience in survey design and implementation, data collection and analysis, report writing, monitoring and evaluation. Adept at data collection with skills in conducting interviews, focus group discussions, observation, video, surveys, questionnaire, and case studies coordination. I am highly productive and recommended in handling even difficult situations with excellent problem-solving capabilities.

## EDUCATION & COURSEWORK

- ◆ **MSc Statistics | 9<sup>th</sup> Sept -2019-17<sup>th</sup> December 2021**  
University of Nairobi
- ◆ **BSc Statistics | 2014-2018**  
University of Nairobi  
**Qualifications: Second Class, Upper Division**
- ◆ **Kenya Certificate of Secondary Education | 2009-2012**  
MaryHill Girls High School  
**Qualifications: A-**

## PROFESSIONAL TRAININGS & QUALIFICATIONS

- ◆ **Certificate in Monitoring and Evaluation |**  
University of Nairobi
- ◆ **Statistical packages (R, STATA, Advanced Excel) | Feb – April 2015**  
University of Nairobi
- ◆ **Cs pro Training for Designing Questionnaires | Dec 2016**  
KNBS
- ◆ **Ready to work.**  
Nairobi University in conjunction with Barclays

## TECHNICAL SKILLS

- Data Analysis and Presentation
- Data Collection
- Reporting tools development
- Impact and Performance Evaluations
- Data Management
- Qualitative and Quantitative research
- Research, Learning and Knowledge management.
- Fieldwork Coordination
- Report writing and Presentation.
- Survey Design
- Training and Capacity Building
- Project Management

### Systems /Software Proficiency:

Data analysis:

- **Proficient in R, STATA, Ms Excel**

Data visualization:

- **Proficient in, Power BI, Flourish Studio**

Data Collection:

- **Proficient in CSEntry, Survey Solutions**

Project Management:

- **Proficient in MS Project**

### Personal Attributes

- Emotionally stable.
- Good customer service skills.
- Enjoys upskills and reskilling.
- Excellent organizational skills
- Proven problem-solving skills.
- Strong team player.
- Good communication and interpersonal skills.
- Well-developed and practiced negotiating skills.
- Confident in networking.

## **PROFESSIONAL EXPERIENCE**

**April 2024-To date International Food Policy Research Institute|**

**Research Officer**

### **Key Responsibilities**

- Supporting the collection of household and agricultural data
- Recruiting and assisting in the training of data collection staff, organizing survey logistics, monitoring quality of incoming data in real-time
- Preparing data for analysis; building large datasets from multiple sources
- Analyzing data using advanced econometric methods
- Conducting literature reviews and syntheses
- Assisting in drafting reports and research papers
- Assisting in capacity building
- Coordinating projects and supporting outreach activities

**Sep 2023-Feb  
2024**

**Kenya Institute for Public Policy Research and Analysis|**

**Researcher**

### **Key Responsibilities**

- Undertaking relevant objective policy research.
- Data Collection and collation.
- Literature review.
- Support carryover papers.
- Developing research proposals.
- Disseminating research findings through seminars, workshops, and roundtables.
- Developing policy-oriented outputs such as policy briefs.

**Sep 2022-Sep  
2023**

**Meru University of Science & Technology| Part-Time Lecturer**

### **Key Responsibilities**

- Teaching in the Department of Mathematics.
- Assisting students carry out academic research.

**Feb-July 2022**

**Kenya Demographic and Health Survey | [Research Assistant](#)  
Key Responsibilities**

- Collecting and processing field data for the fulfillment of the survey process.
- Conducting interviews to ensure all components of the survey are filled.
- Ensuring accuracy of data and time deadlines as outlined in the research survey.
- Explaining survey objectives and procedures to interviewees and interpreted survey questions to help interviewees' comprehension.
- Successfully conducting in-depth interviews and leading focus group discussions.
- Reviewing data obtained from interviews for completeness and accuracy allowing for comprehensive compilation of reports.
- Providing progress updates of research operations and operations to the supervisor.
- Identifying and resolving inconsistencies in interviewees' responses by means of appropriate questioning and explanation.
- Compiling and preparing comprehensive reports on all interviews conducted ensuring interviewees' responses are not lost in translation.

**Oct 2021**

**Enhanced Voter Registration | [Voter Registration Clerk](#)  
Key Responsibilities**

- Publicizing voter registration activities and BVR KIT Movement Schedule.
- Opening and closing the Registration Centre at the designated time.
- Facilitating the registration of voters.
- Collating and submitting registration data to the VRA on weekly basis.
- Reporting the progress and challenges of the voter registration process to the VRA.
- Ensuring security of the voter registration materials.
- Performing any other duty as may be assigned by the Registration Officer.

**Oct 2020- Dec 2020**

**Kenya Malaria Indicator Survey | [Research Assistant](#)**  
**Key Responsibilities**

- Collecting and processing field data for the fulfillment of the survey process.
- Conducting interviews to ensure all components of the survey are filled.
- Ensuring accuracy of data and time deadlines as outlined in the research survey.
- Conducting advanced statistical analysis that goes beyond simple cross tabulations where appropriate, including regression analysis.
- Writing up results of data analysis, writing field reports, and contribute to draft/final reports in line with academic standards.
- Assisting in design data visuals that go beyond simple excel bar charts, including geographical mapping and dashboards.
- Effectively communicating with supervisors on progress with daily and weekly updates.

**Jan-Dec 2020**

**Kenya Continuous Household Survey Program | [Research Assistant](#)**  
**Key Responsibilities**

- Collecting and processing field data for the fulfillment of the survey process.
- Conducting interviews to ensure all components of the survey are filled.
- Ensuring accuracy of data and time deadlines as outlined in the research survey.
- Explaining survey objectives and procedures to interviewees and interpreted survey questions to help interviewees' comprehension.
- Successfully conducting in-depth interviews and leading focus group discussions.
- Reviewing data obtained from interviews for completeness and accuracy allowing for comprehensive compilation of reports.
- Providing progress updates of research operations and operations to the supervisor.
- Identifying and resolving inconsistencies in interviewees' responses by means of appropriate questioning and explanation.
- Compiling and preparing comprehensive reports on all interviews conducted ensuring interviewees' responses are not lost in translation.

**Aug 2019**

**Kenya National Bureau of Statistics (KNBS) | [Census Content Supervisor](#)**  
**Key Responsibilities**

- Training enumerators.
- Ensuring all materials and equipment required are in place.
- Assigning enumeration areas.
- Enumerating resampled households.
- Ensuring everybody has been enumerated.
- Keeping a register of all enumerators.
- Submitting equipment to County Statistical Officer.

**Achievements**

- Reduced time required for creation of data on spreadsheets.
- Performed Statistical Analysis. Performed various statistics like confidence interval and other point estimates.
- Carried out sample size estimation, based on pilot studies and available literature.
- Managed and updated existing databases.
- Planned and scheduled, interviewed residents while paying attention to detail for the KNBS.

**May-June 2019**

**ASA Limited Kenya | [Research Assistant](#)**  
**Key Responsibilities**

- Conducting literature reviews.
- Conducting interviews.

- Enumeration.
- Data entry and analysis.
- Collecting and analyzing data.
- Preparing interview questions.
- Recruiting and/or interviewing subjects.
- Summarizing interviews.

**Oct 2018-Dec 2018**

**Violence Against Children Survey | [Research Assistant](#)**

**Key Responsibilities**

- Data collection.
- Conducting interviews.
- Writing and presenting reports.

**Intern at the Ministry of Health**

- Writing reports after strategic meetings.
- Writing minutes during meetings.
- Updating health facts and figures.
- Data entry on health facts and figures.
- Consolidating annual work plan.
- Developing of Kenya health sector strategic plan.

**April-May 2018**

**Kenya Household Health Expenditure and Utilization Survey | [Research Assistant](#)**

**Key Responsibilities**

- Collecting and processing field data for the fulfillment of the survey process.
- Conducting interviews to ensure all components of the survey are filled.
- Ensuring accuracy of data and time deadlines as outlined in the research survey.
- Providing progress updates of research operations and operations to the supervisor.
- Conducting literature reviews of field research including running focus groups as well as fast-checking proposal.

**Sept 2016-Dec 2016**

**Kenya National Bureau of Statistics (KNBS) | [Attaché](#)**

**Key Responsibilities**

- Receiving and sorting data on health sectors from the field.
- Data entry for the post enumeration survey forms using Cs Pro software.
- Data analysis and validation using statistical packages i.e., Cs Pro, STATA.
- Quality check on questionnaires.
- Data compiling and analysis using Ms Excel.
- Receiving KIBHS files and survey equipment from the field.
- Working with other team members to complete special projects and achieve project deadlines.

**INTERESTS**

- Community work, networking, reading data related journals.

**CONFRENCES, WORKSHOPS AND SEMINARS ATTENDED**

October 2020: Kenya Malaria Indicator Survey Workshop Nakuru.

February 2022: Kenya Demographic Health Survey Workshop Nakuru.

June 2021: Attended a seminar on machine learning models at Nairobi University.

September 2023: Smart and Sustainable Cities Workshop at Safari Park Hotel Nairobi.

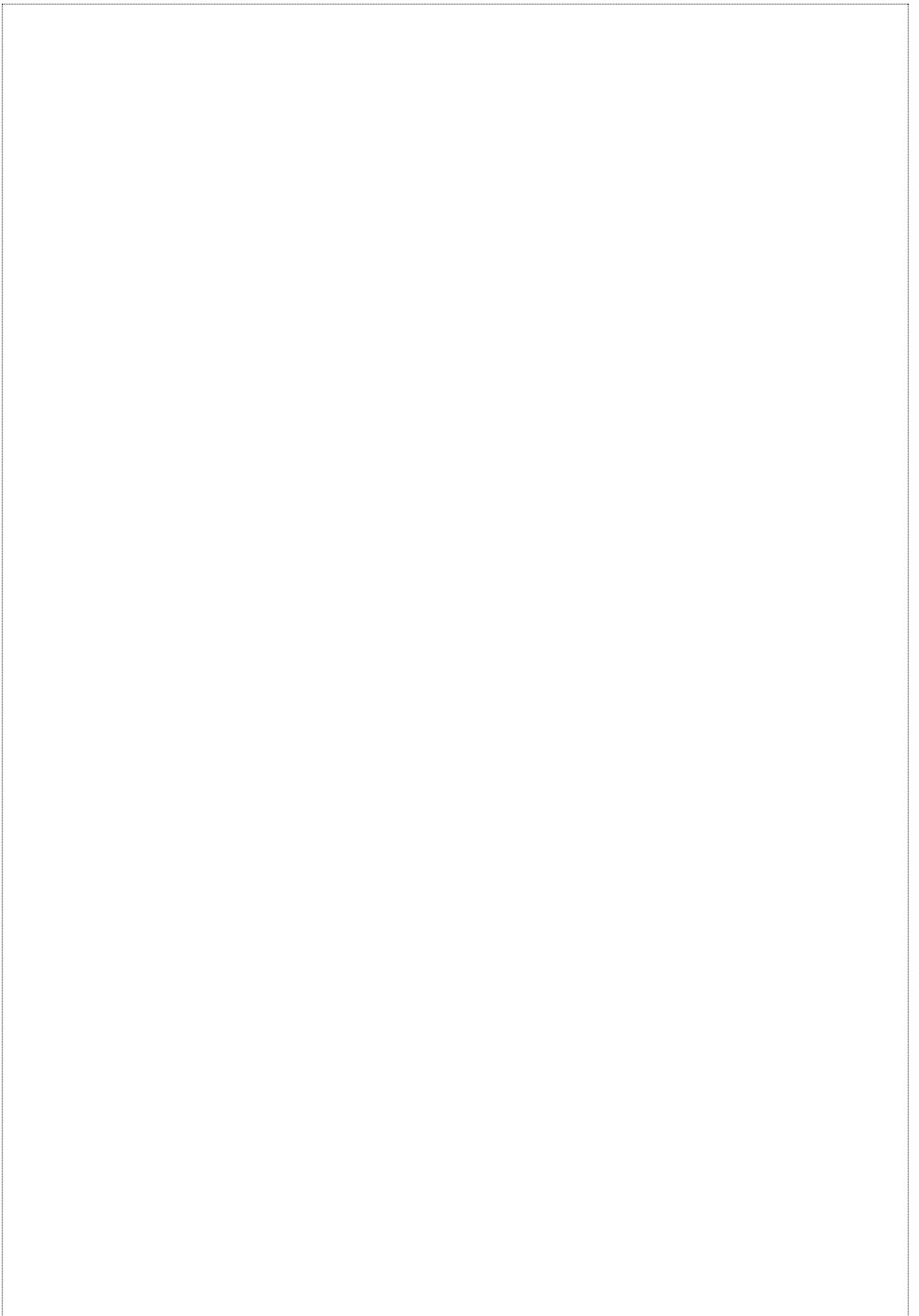
September 2023: KIPPRA Seminar on quarterly ICT trends for 2022-2023 financial year.

October 2023: Kenya Roads Board Strategic Plan Workshop at Sawela Lodges.

November 2023: Accelerating growth of digital economy in Kenya-Teams.

December 2023: Beyond Vision 2030; Leveraging on cities to drive economic growth-Teams

June 2024: Digital Agriculture Technologies and Jobs Study-Worldbank Offices Nairobi



## **PUBLICATIONS**

- 2023: Smart and sustainable cities index policy brief (PB18 2023-2024 SSCI Kisumu City).
- 2023: Smart and sustainable cities index policy brief (PB19 2023-2024 SSCI Mombasa City).
- 2023: Smart and sustainable cities index policy brief (PB20 2023-2024 Nairobi City).
- 2023: Smart and sustainable cities index policy brief (PB21 2023-2024 Nakuru City).

## **REFEREES**

- 1. Elias Rutere Nyaga,**  
Health Statistics-KNBS,  
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- 2. Benjamin Murkomen,**  
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