

Wesley Kirui

Data Analyst

Kilifi, Kenya

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Work Experience

- September 2019 - present **Senior Data Systems Officer, Komaza Forestry Ltd, Kilifi, Kenya.**
- Run complex queries on different datasets to generate insights
 - Use statistical and regression analysis methods to answer key strategic questions
 - Lead and train the data team on data validation pipelines
 - Work closely with the product development team to resolve mobile and web application bugs
- January 2018 - September 2019 **Data Systems Officer, Komaza Forestry Ltd, Kilifi, Kenya.**
- Manage a system to track 2 million seedlings planted with over 10,000 small scale farmers
 - Create regional analysis dashboards and reports for the design and management staff influencing key strategic business decisions
 - Generate new data insights using statistical analysis, machine learning and spatial analysis
 - Create, test and troubleshoot SurveyCTO data collection forms
 - Monitor and audit data for quality and consistency
 - Lead the data assistants team
- July 2017 - January 2018 **Data Systems Fellow, Komaza NGO, Kilifi, Kenya.**
- Built and delivered a system to enrol and manage over 16000 farmers
 - Created and managed data analysis dashboards and reports for the field staff and the management staff
 - Created training materials for the field and the data management staff
- March 2017 - July 2017 **Data Specialist, CloudFactory, Nairobi, Kenya.**
- Analyzed and verified data for clients in the online workstream
 - Troubleshoot online workstream delivery challenges
- August 2016 - December 2016 **Project Analyst, Tanuru Group, Nairobi, Kenya.**
- Researched and analysed the industrial uses of soybeans in Kenya and the region
 - Conducted market feasibility assessment for integrated value addition of soybeans
 - Developed and maintained a database for soybean consumers in the region

Education

- August 2012 - May 2016 **BS Mathematics and Economics, St. Lawrence University, Canton New York, USA.**

Skills

- Programming R, Python, SQL, Power BI, QGIS
- Languages English (Fluent), Swahili (Fluent)
- Leadership Communication, Team Leadership, Problem Solving

Personal Projects

- September 2019 - December 2019 **Kenya Census Data Analysis.**
- Analyze the distribution of Kenya's 2009 census data
 - Clean, manipulate and visualize data to uncover trends across the country
 - Use data science to predict changes in the 2019 census