Wesley Kirui

Kilifi, Kenya
☏ +254728586597
✉ kkiruiwesley@gmail.com
🖥 wkirui.github.io/

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 business questions
- Lead and train the data assistants on data validation systems and guidelines
- Work closely with the product development team to resolve mobile and web application bugs

January 2018 - August 2019
Data Systems Officer, *Komaza Forestry Ltd*, Kilifi, Kenya.
- Managed a system to track 2 million seedlings planted with over 10,000 small scale farmers
- Created regional analysis dashboards and reports for design and management teams influencing key strategic business decisions
- Generated new data insights using statistical analysis, machine learning and spatial analysis
- Created, tested and troubleshot SurveyCTO data collection forms
- Monitored and audited data for quality and consistency
- Led the data assistants team

July 2017 - December 2017
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 field and office teams
- Created training materials for the field team and the data assistants

March 2017 - July 2017
Data Specialist, *CloudFactory*, Nairobi, Kenya.
- Analyzed and verified data for clients in the online workstream
- Troubleshot 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
BSc 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

Personal Projects

June 2020 - August 2020
Rent Prices In Kenya Analysis.
- Web scraped rent prices data online using Selenium in Python
- Cleaned the data using Pandas and Numpy
- Visualized rent prices distribution and created summary reports
- Created a web app to share the analysis using Flask and Dash Plotly and Heroku

September 2019 - December 2019
Kenya Census Data Analysis.
- Analysed the distribution of Kenya's 2009 census data
- Cleaned, manipulated and visualized the data to uncover trends across the country
- Used data science to predict changes in the 2019 census