



Collins Kiprop Kiptanui

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ABOUT ME

I am a Data Scientist with a strong mathematical background and experience in using predictive modelling, data processing, machine learning, cloud computing, SQL and data mining algorithms to solve challenging business problems. I am involved in python open source community and passionate about utilizing the resources in data science to solve problems in different fields.

WORK EXPERIENCE

Data Analyst

Trans Tech International Company Limited [01/08/2021 – 31/12/2021]

City: Nairobi

Country: Kenya

1. Identify and define the objectives of an assigned marketing research project; determines the best methods to use to meet those objectives.
2. Draft questionnaires, polls, surveys, and other data collection resources.
3. Research and compile data related to current product market, customer demographics and interest, and factors influencing product demand; analyze results to identify ways of maximizing sales and market penetration of current products.
4. Compile data related to competitors products such as pricing, sales, and marketing or distribution methodology.
5. Summarize and analyze data; make recommendations related to research findings.

Technical Mentor

Moringa School [06/01/2020 – 31/07/2020]

City: Nairobi

Country: Kenya

1. Work effectively with relevant administrative, technical and academic staff in the School and across the Institution.
2. Actively support student recruitment including participation in class.
3. Teach students relevant data science skills and fundamental.

Statistics and Data analysis intern

Kenya Medical Research Institute [01/10/2018 – 31/12/2019]

City: Nairobi

Country: Kenya

Studies:

1. Assessing health factors and Experiences associated with Khat handling, and chewing in selected areas in Kenya.
2. A Baseline Survey for Nestle Health kids program roll out in schools in Meru, Murang'a, and Nyeri counties.
3. NHIF Survey; A study to determine whether the KEMRI employees are studied with their NHIF cover.

Responsibilities:

1. Executing data quality protocols and internal quality checks to ensure complete and accurate databases are maintained.
2. Data collection, data cleaning, data analysis and presentation to a panel of scientists.
3. Designing XLS format for the data collection tools for Open Data Kit (ODK) to enhance electronic data collection.

EDUCATION AND TRAINING

Master's Degree in Data Science

Technical University of Braunschweig [28/04/2022 – Current]

Address: Universitätspl. 2, 38106 Braunschweig, 38106 Braunschweig (Germany)

Website: <https://www.tu-braunschweig.de/>

Bachelor of Science in Actuarial Science

Jomo Kenyatta University of Agriculture and Technology [10/09/2014 – 28/11/2019]

Address: P.O. Box 62000 – 00200 NAIROBI, KENYA, P.O. Box 62000 – 00200 Nairobi (Kenya)

Website: <http://www.jkuat.ac.ke/>

Kenya Certificate of Secondary Education

Kapsabet Boys High School [13/03/2010 – 04/11/2014]

Address: P.O Box 10, C 36, Kapsabet, P.O Box 10, C 36, Kapsabet, Kenya Kapsabet (Kenya)

Website: <http://kapsabet.boys.high.school.co.ke/>

Kenya Certificate of Primary Education

Roseve Educational Center [08/01/2005 – 15/10/2009]

Address: P.O. Box 657, Kapsabet, P.O. Box 657, Kapsabet

Website: <http://roseve.ac.ke/>

LANGUAGE SKILLS

Mother tongue(s): **Swahili** | **English** | **Kalenjin**

Other language(s):

German

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

DIGITAL SKILLS

Data Gathering, Data Processing, Data Visualization, Data Analysis / SQL (MySQL) / Cloud computing / Software Architecture / Machine learning / Git / HTML / CSS / Python / R program / JavaScript

RECOMMENDATIONS

Colleague

Name: Anthony Mwangi

Phone number: (+254) 716344564

Email: fiabletraders@gmail.com

Director at Trans-tech international Company Limited

Colleague

Name: Maxmiller Keitany

Phone number: (+254) 724701697

Email: kmaxmiller@gmail.com

Prosecutor at Office of Director of Public Prosecution

Statistician- Kenya Medical Research Institute

Name: Nelson Ouma

Phone number: (+254) 704722919

Email: nellomondis@gmail.com

My supervisor at the Kenya Medical Research Institute.