# BENSON KIPROTICH

## ADVANCED ANALYTICS ASSOCIATE

P.O BOX 48240-00100, NAIROBI. Tel +254 74110316

**Email:** kiprotich.bn@gmail.com  **LinkedIn:** www.linkedin.com/in/kiprotichbenson

Experienced data-driven Advanced Analytics Associate with expertise in leveraging advanced techniques for actionable insights. Skilled in data analysis, machine learning and data visualization with a proven track record of delivering impactful insights. Strong problem-solving abilities and a passion for driving strategic decision-making through data-driven solutions.

## EXPERIENCE

**2023 JAN TO DATE**

### ADVANCED ANALYTICS ASSOCIATE, KENYA REVENUE AUTHORITY
Full-time.

- Querying and analyzing data from internal databases and external sources
- Cleaning and preprocessing data to ensure accuracy, completeness, and consistency
- Conducting data analysis to identify trends, patterns, and insights in the data
- Creating reports and visualizations to present data and findings to the team and management
- Assisting in designing, building and maintaining ETL/ELT data pipelines
- Ensuring the quality and accuracy of data and analysis results
- Building and implementing machine learning models to solve business problems
- Conducting data exploration and feature engineering to identify and extract relevant features for machine learning models
- Evaluating the performance of machine learning models and identifying opportunities for improvement
- Collaborating with data engineers to deploy machine learning models to production environments

**2020 MARCH TO DATE**

### DATA SPECIALIST, UPWORK
Part-time.

- Collaborate with clients to understand their needs and goals
- Gather and analyze data
- Develop predictive models using machine learning algorithms and statistical techniques
- Communicate insights effectively through data visualizations, reports, or presentations
- Clean and prepare data for analysis
- Store and manage large volumes of data securely and accessibly
- Stay up-to-date with new tools, techniques, and trends in the field
- Provide recommendations to clients on how to improve their business processes or strategies
- Create interactive data visualizations for stakeholders
- Manage project timelines and deadlines while ensuring a high level of quality in word.

**2021 APRIL TO 2021 SEPTEMBER**

**INTERN,** KENYA NATIONAL BUREAU OF STATISTICS
Part-time.

- Conducting research in a particular field or subject area
- Assisting in the development of research proposals
- Collaborating with other team members, including researchers, professors, and other interns
- Collecting and analyzing data related to their research projects
- Preparing research reports, which may include summarizing their findings, analyzing data, and drawing conclusions
- Conducting literature reviews to gain an understanding of the current research landscape in their field
- Presenting research findings to other team members, and stakeholders

## EDUCATION

**BSc. STATISTICS AND PROGRAMMING**
MACHAKOS UNIVERSITY, 2017 - 2021

**CERTIFIED OCI DATA SCIENCE PROFESSIONAL**
**ORACLE**, July 2023

**DATA WAREHOUSE & BUSINESS INTELLIGENCE**
**KESRA**, April 2023

**DATA ANALYSIS SPECIALIZATION CERTIFICATE**
**IBM**, Feb 2022

## SKILLS

- Python, R, SQL Programming
- Machine Learning

- Data Visualization (OAS, Tableau, PowerBI)

- Data Pipelines (ODI, Informatica)
- Data Mining & Web Scraping

- Statistical Analysis(SPSS)

- Data Analysis (Python, Excel)
- Business analysis

- Analytical & Problem solving

## REFEREES

1. Peter Mosagwe.
   Advanced Analytics Lead, KRA.
   Tel: +254726729220
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2. Caroline Gatwiri.
   Statistician, KNBS.
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