

Emmanuel Ouko Owuor

Data Analyst

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Profile

I am a highly motivated Data Analyst with a robust foundation in data analysis and a fresh perspective on the industry. I hold a degree in Statistics and Information Technology, which has equipped me with expertise in statistical analysis, data visualization, and machine learning techniques. This background enables me to work with large datasets, extract meaningful insights, and communicate findings clearly and concisely.

I have gained practical experience through my internships where I honed my data manipulation and problem-solving abilities. Additionally, I have tackled projects such as an analysis of the Indian startup ecosystem, further enhancing my analytical skills. I am proficient in Python, SQL, Excel, and Power BI, which allows me to tackle complex data challenges and contribute effectively to a dynamic organization.

Skills

Data analysis and interpretation

Experience with data visualization tools (Tableau, Power BI)

Strong knowledge of statistical modeling and machine learning

Proficiency in SQL, Python, and R programming

Strong interpersonal skills: Effective communication and presentation, honesty, integrity, ethical practices, professional conduct, and excellent problem-solving and critical thinking abilities.

Professional Experience

2024

Nairobi, Kenya

Trainee

GLOBAL COMMUNITIES

- Financing for MSMEs (Budgeting)
- Promoting Formalization of MSME Operations
- Creating Digital Content and Online Customer Engagement Strategy for MSMEs
- Attracting Funding Investors/Opportunities using the Right Business plan
- Cost and Pricing Control for SMEs
- Social Media Marketing Workshop for MSMEs
- Market Research for SMEs
- Product and Service Development
- Record Keeping for MSMEs

2023

Nairobi, Kenya

Trainee

EDUCATION DEVELOPMENT TRUST

- **Data Collection and Management:** I maintained data from various educational programs and initiatives, ensuring accuracy and consistency in the dataset.
- **Data Analysis:** Conducted in-depth analysis of educational data to identify trends, patterns, and insights that can inform decision-making and policy development.
- **Interpretation and Visualization:** Transformed complex data sets into clear visual representations using tools like Power BI, enabling stakeholders to easily understand findings and implications.

- **Reporting and Presentation:** Prepared comprehensive reports and present analytical findings to diverse audiences, including educators, policymakers, and stakeholders, ensuring clarity and actionable insights.
- **Performance Monitoring:** As a trainee I Tracked and evaluated the effectiveness of educational programs and interventions through statistical analysis, providing recommendations for improvement.

2022

Nairobi, Kenya

Attache

KENYA PIPELINE COMPANY

- Health and Safety processes: - was taken through operations of both mobile and fixed firefighting facilities, fire prevention, spillage management and use of various protective equipment used in the oil industry.
- Procedure movements, reconciliation and quality anagement.
- Entry of daily tank levels in worksheets
- Preparation and printing of daily deliveries Advice Notes for oil marketing companies and Reconciliation.
- Preparation, printing and issuing of quarterly rental invoices for tenants occupying KPC's premises and commercial invoices
- Processing of loading request in SAP (System Applications & Products) and QMS (Queue Management System).
- Filling of loading orders and dip tickets

Education

2019 – 2023

Nairobi, Kenya

Bachelor of science in Statistics and IT

The Cooperative University of Kenya

Honors: Second Class Upper Divison

Certificates

2024 DATA SCIENCE

Data analysis by Azubi Africa

2024 Discover data analysis by KEPSA

2023 Power BI certified by KEPSA

2023 YOUTH ENTREPRENEURSHIP

Youth entrepreneurship roundtable by USAID

Projects

Analysis on Indian start up ecosystem

In this project, I have conducted a comprehensive analysis of the funding data of Indian startups from 2018 to 2021 to gain valuable insights into the financial landscape of the Indian startup ecosystem.