PETER MUNYALO

Data Scientist | Data Analyst | Power BI Developer
Python • R • Power BI • SQL • Statistical Modeling
Kenya | Remote Freelance

PROFESSIONAL SUMMARY

Intermediate Data Scientist with strong expertise in Python, R, and Power BI. Experienced in data cleaning, exploratory analysis, regression modeling, forecasting, and building interactive dashboards. Adept at transforming complex datasets into clear insights for business, NGO, and research decision-making.

TECHNICAL SKILLS

Programming: Python (pandas, numpy, matplotlib), R
Visualization: Power BI, ggplot2, matplotlib
Databases: SQL (PostgreSQL)
Statistics & ML: Linear, Logistic, Poisson Regression, Ordinal & Multinomial Models, Time Series Forecasting (ARIMA)
Tools: Jupyter Notebook, RStudio, GitHub, Excel

SELECTED PROJECT EXPERIENCE

Business Sales Analysis & Power BI Dashboard
• Cleaned and analyzed transactional sales data using Python
• Built interactive dashboards highlighting revenue trends, KPIs, and seasonality
• Delivered actionable insights for decision-making

Demand Forecasting Project
• Applied time series models to forecast future demand
• Identified trends and seasonal patterns
• Communicated results clearly to non-technical stakeholders

Survey Data & Regression Analysis
• Analyzed survey datasets using Python and R
• Built logistic and Poisson regression models
• Produced report-ready tables and visualizations

FREELANCE SERVICES

Data Analysis & EDA • Power BI Dashboards • Statistical & Regression Modeling • Forecasting • Survey Analysis • Automated Reporting with Python

EDUCATION

Background in Data Science and Statistics with hands-on project experience in data analysis, modeling, and visualization.

AVAILABILITY

Open to short-term and long-term freelance projects. Flexible working hours for global clients.