Ian Njari

Data Scientist, Student

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🔗 Github, LinkedIn

Skills

Python (Pandas, Scikit-Learn, XGBoost, Plotly, Dash Seaborn)

Data Analysis

Data Quality Assessment

Data Extraction Transformation and Loading

A/B Testing

PCA

Time Series Forecasting

Serverless Deployment

Tools and technologies

Python (Pandas, Scikit-Learn, Matplotlib, NumPy, Streamlit, Plotly and Dash, Prophet)
SQL
PostgreSQL, MySQL, SQLServer Jupyter Labs
GIT and GitHub,
Tableau, Power BI
Microsoft Azure Functions
Microsoft Excel

Profile

A Data Scientist and Student skilled in **Supervised, Un-supervised learning, Time Series Forecasting, Data Analysis, Extraction, Transformation and Loading (ETL) and Visualization.**

Strong ability to work alone or in teams in a dynamic and multicultural environment to deliver on timely deliverables.

Project Experience

COVID-19 Analysis, Reporting and Prediction Engine

GitHub Page

The objective is to create an open-source application composed of;

- An interactive dashboard app tracking the number of cases, deaths, and recoveries by country and region,
- A Time Series Forecasting model, implemented in Python, that predicts the cases for the next 14 days in a country /region selected by the user,
- A daily report generation engine that shows the state of cases, deaths and vaccinations worldwide.

US Flight Delay and Cancellation Predictor

GitHub page

- A web application that enables a user to enter an itinerary, and get predictions on whether the flight will be delayed (by how much time and where) and whether it's likely to be cancelled.
- Trained on about 2 million individual records of flight data since 1987 from The U.S. Department of Transportation's (US-DoT)

CBK inflation, Mobile Money and Inter-bank Rate Analysis and Prediction

Github Page

Education

B.Sc. (Computer Science), Kenyatta University, Nairobi

August 2017 — July 2022

- 2020 Millennium Fellow
- Rotaractor
- Relevant coursework:

  Probability and statistics, Linear Algebra for Computer Science, Calculus, Artificial Intelligence, Design and Analysis of Algorithms.

Courses and Certifications

Machine Learning in Python with Scikit-learn, France Digital University

July 2021

Network Operations, Internet Society

July 2021

SQL Fundamentals, DataCamp

January 2022

Employment History

Student Attaché, Kenya Medical Training College

Performed Internet configuration to assist in maintaining constant service to college infrastructure.
Offered ERP, network and portal support to staff and students on demand basis.
Performed inventory management across 22 departments on-campus.

Referees

Emma Cheserem Longei, Tutorial Fellow,

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School of Engineering and Technology, Kenyatta University
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