

Skills

- SQL (SQL Server, MySQL, PostgreSQL)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Tableau
- Excel
- Microsoft Power BI
- Looker Studio
- HTML, CSS, JavaScript, GIT
- Frameworks: React, Bootstrap, Spring boot

Data Analysis Projects

PREDICTING INCOME LEVEL BASED ON INDIVIDUAL'S PERSONAL INFORMATION – Personal Project

- This project **aims** to predict whether a person makes over 50K a year or not given their demographic variation
- Skills: **Data cleaning, data analysis, hypothesis testing, data visualization.**
- Technology: **Python, Pandas, Matplotlib.**
- Code: **[adult-income.ipynb](#)**

ECOMMERCE PURCHASES ANALYSIS PROJECT TO MONITOR CUSTOMERS' BEHAVIOR – Personal Project

- This project aims to monitor customers' behavior during purchase.
- Skills: **Data cleaning, data analysis, data visualization.**
- Technology: **Python, Pandas, Matplotlib.**
- Code: **[Ecommerce.ipynb](#)**

TITANIC MACHINE LEARNING FROM DISASTER – Personal Project

- The objective of the project is to apply machine learning techniques to predict the survival of passengers aboard the RMS Titanic
- Skills: **Data cleaning, data analysis, feature engineering, exploratory data analysis, and model evaluation.**
- Technology: **Python, Pandas, NumPy, Seaborn, Matplotlib.**
- Code: **[titanic.ipynb](#)**

BUSINESS SUMMARY ANALYSIS – Personal Project

- **Dashboard- Tableau** Project link: **<https://public.tableau.com/app/profile/samson.matongo>**

Frontend development Projects

Project links: **<https://www.lonestardentalcare.co.ke/>**

<https://github.com/Samsyogo>

Work Experience

KENYA COMMERCIAL BANK – Banking

October 2023- September 2024

- Promote Bank Products
- Working with internal teams like marketing, operations, and customer service to advance customer experience.

KENYA REVENUE AUTHORITY – ICT Assistant

January to December- 2022

- Frontend development (using spring boot, Bootstrap, Ajax and HTML -Thymeleafs template).
- Provided first-level technical support for staff and students, resolving service requests and incidents within SLA timelines.
- Ensured compliance with ISO (9001/2015 and 27001/2013) standards and maintained data security protocols
- Monitored, tested, and maintained computer systems and networks, ensuring optimal performance and security.

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE –Kisii University – Kisii, Kenya

December 2020