

Samson Asumu Phone: (+254) 746137562 | github.com/Samsonasumu | samsonasumu@gmail.com

Data Scientist - Kenya

Passionate about data science with a degree in economics and statistics. Seeking opportunities where I can utilize my analytical and technical skills to solve real life data analytics problems.

Education

June 2018 - Dec 2023

Egerton University, Njoro - *Bachelor in economics and statistics*

Skills

Programming Python, R, SQL, Excel, Java script, React, html and Css

Visualization Tableau, Power BI, Excel Charts, Jupyter notebook

Statistical Analysis R, SPSS, STATA, Excel

Database MySQL

Soft Skills Excellent verbal and written communication skills, presentation

Courses

Fundamentals of Statistics Python Programming Data Analysis with Excel

Certifications and Awards

- Holberton School - Alx Software Engineering
- Contributed to pandas open source (3 PRs accepted)

WORK Experience

Apr 2022 - June 2023

Iduku Health Services - *Data Analyst Intern*

- Prepared various BI dashboards in **Tableau** for month-on-month insurance business reports
- Evaluation and analysis of insurance claims dataset using **Excel V-lookup, Chi-square, Normal and T-distribution**. Removed **outliers** using **Python** and **Pandas**
- Help business to decide in dynamic pricing by identifying business insights and forecasting the trends for future months using time series analysis using **Excel**

Apr 2023 - June 2024

Business Insights 360 - *Data Analyst Student at Codebasics.io*

- Learned how data transparency is brought to big organizations enabling users to make data informed decisions
- Connected Power BI with **MySQL, Excel** to import ~4 million records. Performed data transformation in **Power Query**
- Implemented machine learning projects using both supervised and unsupervised models.
- Data Collection and modelling: Collected data from you tube API for data analysis and model building
- Built a customer attrition model in R and python, using random forest classifier that helped retain customers leading to increase of 10% in revenue

Jan 2023 – Up date

Freelance Data Scientist

- Downloaded restaurant data from zomato website for more than 10000 restaurants across india. Ingested this data in MySQL database and performed ETL to remove outliers, clean up bad records, normalize revenue numbers to standard format using **python, jupyter notebook** and **two standard deviation** along with some other statistical techniques
- Used Tableau to build various BI dashboards that can show revenue growth in different restaurants based on cuisine, how people's preferences have changed over a period of 5 years
- Worked on various projects as a freelance data scientist
- Online marketplace: built an ecommerce web integrated with paypal API using Django
- Implemented end to end machine learning projects with deployment on docker and Python django web framework

