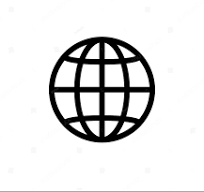
**Samson Asumu**

 [LinkedIn](https://www.linkedin.com/in/samson-asumu-335687174/)  [Github](github.com/Samsonasumu) (+254) 746137562 [samsonasumu@gmail.com](mailto:samsonasumu@gmail.com)  [Portfolio](https://samson-asumu-portfolio-app.netlify.app/)WEB

**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 2019 - Dec 2023**

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

**Certifications and Awards**

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

**Skills**

**Programming** Python Django, R, Java script, React, html and css **Visualization** Tableau, Power BI, Excel Charts

**Statistical Analysis** R, SPSS, S TATA, Excel

**Big Data** ApacheSpark, Hive, Hadoop, Airflow

**Database** MySQL

**Cloud Deployment** Heroku, AWS, Docker, git hub

**Soft Skills** Excellent verbal and written communication skills, presentation

**Work Experience**

**Iduku Health Services** *- Data Analyst Intern* **Apr 2022 - June 2023**

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**

* + 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.

Personal Projects

**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
  + 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
  + Recommendation engine which increased sales by 15-20% which brought category targeting and new suggestion