

Aliu Robiu

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SUMMARY

Versatile individual with experience collecting, transforming, and organizing data for analysis to help make informed decisions. Excellent understanding and proficiency of platforms for effective data analyses, including SQL, Spreadsheets, Tableau, Python and R. Strong communication, organizational, and analytical skills, recently completed the Google Data Analytics Professional Certificate – a rigorous, hands-on program that covers the entire scope of the data analysis process.

WORK EXPERIENCE

Platinum touch technology solution | Data Analyst

September 2020 -Till date

- Identify procedural areas of improvement through customer data, using SQL to help improve the profitability of a firm retention program by 80%
- Worked with clients to understand business needs and translate those needs into actionable reports in Tableau, saving more than 50% of manual work each week.
- Formed hypotheses, and tested ideas to determine viability of operation outcomes.
- Clean data and perform exploratory data analysis using Spreadsheet, SQL and python.
- Using SQL and Excel identified common complaints amongst new customers leading to changed that improved new customer satisfaction by 14%

MY PORTFOLIO

STOCK PORTFOLIO ANALYSIS PROJECT

- Using Python to calculate the Rate of return of stocks, Rate of return of stock portfolios using simple returns and log returns
- Using python to measure risk of stocks and risk of stock portfolios using Variability measures such variance, Standard deviation, covariance and Correlation between stocks
- Calculating the Regression analysis, regression's explanatory power with R^2 Alpha and Beta coefficients in python
- Use python for Markowitz Efficient frontier calculation, Capital asset pricing model, Sharpe ratio, Multivariate regression analysis, Monte Carlo simulations, Applying the Black Scholes formula, Using Monte Carlo for options pricing and stock pricing.

EMPLOYEE & PAYROLL MANAGEMENT SYSTEM

This project looks at a database schema and multiple tables that are related to each other. The project looks at employee database, creation of database schema, it involves filtering, sorting, aggregation, categorization, merge, between tables like Employee, Department, Grade, Payroll, User, extraction of data for analytical purposes, this project is done on MYSQL.

- Using MySQL database server to extract data from employee database into CSV files for business intelligence analysis in Tableau.
- Merge coding skills and business acumen to solve complex analytical problems by writing queries to manipulate database, update and delete data from database, and use the database to save company time resource that can be used for productive working hours

EDUCATION

Google/Data Analytics Professional Certificate

June 2021-November 2021

Coursera Online

- Completed extensive six-month job-ready Google Career Certificate training, demonstrated hands-on experience with data cleaning, data visualization, project management, interpreting and communicating data analytics findings, confidence in transforming complex data into actionable and clear insights. Fluency in computer programming languages and solid understanding of databases.

Kwara State University, Malete, Nigeria

Masters of Agriculture - Agricultural Economics

2017-2019

- **GPA:** 69.8% (upper division)
- *Specialized:* Economics and Management.

Kwara State University, Malete, Nigeria

Bachelor of Agriculture - Agricultural Economics

2010-2015

- **GPA:** 3.08-4.0 Second Class (upper division)
- *Specialized:* Economics and Management

LICENCE AND CERTIFICATIONS

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| • Udemy; The Complete Financial Analyst Course | 2021 |
| • Udemy; SQL-MySQL for Data Analytics and Business Intelligence | 2021 |
| • Udemy; Data Science Bootcamp with 5 Data Science Projects | 2021 |
| • Udemy; Excel from Beginner to Advanced | 2021 |
| • Udemy; Python for Machine Learning & Data Science Masterclass | 2021 |
| • Udemy; Time Series Analysis in Python | 2021 |
| • Chartered Institute of Stockbroker; Chartered Stockbroker | 2022 |

SKILLS AND INTERESTS

Technical Skills:

- Programming: SQL, Python and R (Dplyr, TidyR, Pandas, Numpy, Scikit-learn)
- Database and data warehousing: MySQL, PostgreSQL, Big Query, MongoDB
- A/B testing and experimentation
- Data Mining and Modeling: Linear and logistic regressions
- Data Visualization: Tableau, Excel, Google Sheets, Ggplot2, Matplotlib and Seaborn)

Soft skills:

- Critical Thinking
- Attention to detail
- Clear writing and report writing
- Communication and public speaking