

FLORENCE MBABAZI

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Personal Statements

As a Data Analyst I have a strong passion for developing Dashboards, Reports, Data Models, and performance-related insights. Since I can map the Business Requirements as a Business Analytics and as a Data Analyst then translate them into operational dashboards and performance-related insights, I can always develop a solution without any miscommunication with stakeholders. Automating the processes concerning Data Extraction and Data Transformation also falls under my expertise.

Skills

- | Data Analyst | Web Development | Personal Skills |
|--|--|--|
| <ul style="list-style-type: none">• Advanced Excel• PowerBI• SQL• Python• Machine Learning | <ul style="list-style-type: none">• Python(Django)• HTML• CSS• Bootstrap• Postgres & Mysql | <ul style="list-style-type: none">• Continuous Learning• Work underpressure• Team Work• Quick Learner• Accuracy and attention to details |

Academic Qualification

AzubiAfrica(Acra, Ghana)

September 2022 - 2024

Business Analytics & Data Analytics

Award: Certificates

Skills:

- Explore Important Formulas and Functions in MS Excel
- Create Charts and Visualisations using MS Excel
- Load datasets and establish table relationships in PowerBI
- Build different type of charts and dashboards in PowerBI
- Work with Map visualisations and other advanced charts with drill down functionalities in PowerBI
- Work with power query for data manipulation in PowerBI
- Write DAX expressions in PowerBI
- Familiar with MySQL, Create & update reports in SQL
- Perform Data Analysis using SQL
- Explore Python for Data Exploration and Statistical Inference
- Use Matplotlib and Seaborn for data visualisation
- Create charts to visualise data and generate insights
- Univariate,Bivariate and Multivariate analysis using python
- Perform Statistical Analysis on real world datasets
- Build and Validate Hypothesis using statistical tests
- Generate useful insights from the data

Moringa School November 2018 - May 2019

Web Development

Award: Certificate

Skills

- Python(Django), HTML, CSS,Bootstrap and Postgres

Inilak

May 2012 - December 2016

Bachelor Of Science in Information Systems and Management

Award: Bachelor's Degree

Skills:

- Networking, Information Security, Web Programing, Management, Finance, Accounting, Cost Accounting and Principle of Economics

Employment History

MobiCash LTD, Web Development, Kigali October 2019 - Currently

Responsibilities:

- Integrating data from various back-end services and databases.
- Gathering and refining specifications and requirements based on technical needs.
- Creating and maintaining software documentation.
- Designing website layout and user interface using standard HTML, CSS, and JavaScript practices, along with the Django framework, Python, and other relevant tools.
- Maintaining, expanding, and scaling websites and web applications.
- Being responsible for the coding, design, and layout of a website according to the company's specifications.
- Writing and designing testable, efficient code using best software development practices.
- Familiarity with Operating Systems (Linux and Windows).

IT support officer Intern, Rwanda Education

Board, March 2017 - 2017

Responsibilities:

- Generating reports for each school to assist One Laptop Per Child in assessing the completion of the work.
- Installing and configuring computer hardware, operating systems, and required applications.
- As a help desk technician, I accomplish my tasks by listening to end users and acting on their feedback.
- Troubleshooting system and network problems, such as checking the wireless adapter, WAN and LAN connections, and verifying the wireless access point and network.
- Installing the Prodigy program on XO laptops to enable teachers and students to access content on the server using XO laptops.
- Maintaining the XO laptops and installing the key, as it expires after one year.
- Creating reports for each school to assist One Laptop Per Child in assessing the progress of the work.

Projects

Indian StartUp Funding Ecosystem

- Indian startup ecosystem The analysis aims to uncover trends, patterns, and key factors that contribute to the success of startups in India. LinkedInArticleLink: <https://www.linkedin.com/pulse/indian-startup-funding-ecosystem-in-depth-analysis-from-mbabazi>

Customer Churn Analysis and Prediction

customer churn or turnover we aim to predict customer churn and understand the key indicators of churn by analyzing a dataset containing various customer attributes

LinkeinArticleLink: <https://www.linkedin.com/pulse/customer-churn-analysis-prediction-florence-mbabazi>

Corporation Favorita Sales Prediction

- Corporation Favorita, a large Ecuadorian-based grocery retailer. This project involves predicting future sales for a grocery retailer based on historical sales data and other relevant information.

LinkedInArticleLink: <https://www.linkedin.com/pulse/store-sales-time-series-forecasting-florence-mbabazi>

Sepsis Analysis(FastAPI)

- This project focuses on early sepsis detection and classification, a critical aspect of healthcare. Timely identification of sepsis significantly enhances patient outcomes.

LinkeinArticle: <https://www.linkedin.com/pulse/sepsis-classification-machine-learning-project-florence-mbabazi-fn5if>

References

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