

MARIE ROSE ESMERALDA NGUETSE ANAMBA

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Summary

Data-driven professional with expertise in machine learning, data analysis, and visualization. Proficient in Python, SQL, and Power BI, with experience in predictive modeling and centralized data systems. Interested in solving complex problems and driving business efficiency through advanced analytics.

Education

NOVEMBER 2023 – NOVEMBER 2024

Master in Information Technology | University of the People | Pasadena, California, USA | Online

SEPTEMBER 2019 – AUGUST 2022

Bachelor's degree in Management Economics, statistics option | Catholic University of Central Africa | Yaounde, Cameroon

Experience

MARCH 2024 – NOW

Data Analyst | Uwezo Consulting Firm | Yaounde, Cameroon

- Data collection, cleansing and analysis to identify trends and opportunities for the company's customers.
- Development of interactive dashboards and visual reports to facilitate strategic decision-making.
- Collaboration with internal teams and customers to understand needs and provide data-driven recommendations.
- Application of statistical and predictive models to optimize customers' business processes.
- Technology watch and adoption of best practices in data analysis to ensure quality solutions.

DECEMBER 2024 – JANUARY 2025

Machine Learning Intern | Hubble Mind | Online

- Collected, cleaned and analyzed data on textile worker productivity to facilitate data-driven decision-making.
- Developed predictive models to optimize performance and reduce operational inefficiencies.
- Created an intuitive web interface enabling company employees to make predictions by entering the necessary
- necessary data.
- Wrote a detailed report presenting the results and recommendations of the project.

JULY 2022 – JULY 2023

Data Analyst Intern | Epsilon Systems Corp | Douala, Cameroon

- Data collection, cleansing and analysis to support strategic decision-making across the enterprise.
- Integrate data into the data warehouse for easy access and use.

- Tracking key performance indicators (KPIs) and creating performance reports for stakeholders.
- Participation in the development of analysis solutions to optimize internal processes and activity reporting.

MAY 2022 – JULY 2022

Economic Policy Analyst Intern | MINEPAT | Yaounde, Cameroon

- Contribution to the import substitution policy being developed in Cameroon by analyzing available economic data.
- Identification of growth-generating sectors and assessment of the obstacles encountered by these sectors.
- Drafting of a detailed report on strategic sectors, challenges encountered, and recommendations to support the policy.

Certifications

AUGUST 2024

Statistics for Data Science and Business Analysis | Udemy

NOVEMBER 2023

Programming for Everybody (Getting Started with Python) | MichiganX

AUGUST 2023

Become a power BI expert - The complete training course | Udemy

JUNE 2023

Strategy consulting virtual experience | Accenture | Forage

Skills

TECHNICAL SKILLS

- **Programming:** Python (TensorFlow, Scikit-Learn, Pandas, NumPy), R, HTML, CSS, JavaScript
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- **Data Tools:** Excel, SAS, SPSS, ETL Processes
- **Software Development Tools:** Git/GitHub, Jupyter Notebook
- **Cloud platforms:** Google Cloud

HARD SKILLS

- Problem-Solving
- Data Storytelling
- Business Intelligence
- Analytical and Critical Thinking
- Data-Driven Decision Making
- Cross-Functional Collaboration
- Technical Communication & Simplification
- Adaptability
- Autonomy & Proactiveness

LANGUAGE SKILLS

- French: Native
- English: B2

Projects

DECEMBER 2024 - JANUARY 2025

Garment Worker Productivity Prediction | HubbleMind | Online

- Collected, cleaned and analyzed garment worker productivity data to optimize manufacturing processes.
- Performed in-depth data mining (EDA) to analyze relationships between operational variables and productivity.
- Developed several regression models (linear regression, Random Forest, XGBoost) to predict productivity.
- Compared and evaluated models using metrics such as MAE, MSE and R2 to select the best performing model.
- Performed optimizations via GridSearchCV to improve the performance of the selected models.
- Created an interactive predictive system allowing users to enter new data to obtain predictions.
- predictions.
- Prepared a comprehensive report including analysis results, models and strategic recommendations.

SEPTEMBER 2024 – OCTOBER 2024

Design of a centralized data management system | Uwezo Consulting Firm | Yaounde, Cameroon

- Developed a centralized system for storing company data, guaranteeing efficient and secure management.
- Integrated artificial intelligence and machine learning algorithms to automate data analysis.
- Generated predictive reports and enhanced strategic decision-making with data-driven insights.

APRIL 2024 – MAY 2024

Applying machine learning to speech recognition | University of the People | Online

- Built a speech recognition program in Python, demonstrating the practical application of machine learning.
- Presented the mathematical theories underlying speech recognition and discussed the technical challenges.
- Proposed possible solutions to overcome the current limitations of speech recognition systems.

Links

GITHUB

[HTTPS://GITHUB.COM/FAEKISEKI](https://github.com/FAEKISEKI)

LINKEDIN

[HTTPS://WWW.LINKEDIN.COM/IN/MARIE-ROSE-ESM%C3%A9RALDA-NGUETSE-ANAMBA-6248B2241?UTM_SOURCE=SHARE&UTM_CAMPAIGN=SHARE_VIA&UTM_CONTENT=PROFILE&UTM_MEDIUM=ANDROID_APP](https://www.linkedin.com/in/MARIE-ROSE-ESM%C3%A9RALDA-NGUETSE-ANAMBA-6248B2241?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

References available upon request.