

Eddy Bolan Fonkou Tchinmouo

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Languages

English (Intermediate proficiency)

French (Home Language)

Summary

Highly motivated data professional skilled in Python, R, and SQL (Structured Query Language), with expertise in data analysis, and predictive modelling. Adept at visualizing insights with Tableau, automating workflows, and collaborating in cross-functional teams. Experienced in solving business challenges using data-driven strategies, optimizing processes, and forecasting outcomes. Passionate about applying innovative data solutions to real-world problems, including manufacturing optimization and predictive models for healthcare and finance.

Experience

Dec 2024 - present **Data Science Bootcamp | HyperionDev**

- Gained proficiency in Python, focusing on data types, control structures, and object-oriented programming (OOP).
- Cleaned, normalized, standardized, and scaled datasets to improve machine learning model performance.
- Achieved an overall grade average of 99% for the bootcamp tasks.
- Participated in debugging sessions, honing problem-solving skills in a collaborative environment.
- Created insightful charts using Matplotlib, and Tableau for exploratory data analysis (EDA).
- Demonstrated proficiency in version control using Git for five of my capstone projects.
- Successfully completed the practical, real-world projects.

Projects

Predicting Disease Outbreaks - Python, Matplotlib

- Developed a model to predict disease outbreaks using historical data. The project aims to improve public health responses and enable proactive measures to mitigate the impact of disease spread.

Stock Price Prediction Models - Python, Matplotlib

- Developed models to predict stock price movements and guide investment strategies. The project focuses on providing accurate predictions to support strategic financial decision-making for investors and businesses.

Accomplishments

- Successfully completed the capstone projects using Python, SQL, and NumPy.
- Acquired strong statistical analysis skills.
- Worked in teams to deliver capstone projects, showcasing effective collaboration and task delegation.

- Stayed updated with the latest data science trends and integrated new techniques into projects.
- Participated in peer reviews, provided constructive feedback, and engaged in open-source data science projects.
- Developed a portfolio showcasing projects, demonstrating industry-relevant skills and hands-on experience.
- Participated in the challenges using the links as hackerrank.com/challenges/, and hackinscience.org/exercises/

Education and self study

Dec 2024 - March 2025	Data Science Bootcamp HyperionDev (Currently enrolled)
Oct 2024 - April 2025	Data Analysis Cousera (Currently enrolled)
Nov 2011 - April 2025	Bachelor's degree, Electrical Engineering University Institute of Technology Bandjoun, Cameroon

Technical skills

- Programming in Python, R, SQL (Structured Query Language)
- Data transformation, manipulation, and visualization (Matplotlib, Tableau)
- Object oriented programming (OOP)
- Machine learning for image processing
- Natural language processing (NLP)
- Software Tools: Git, Github, Excel, NumPy
- Statistical Analysis: Mean, variance, standard deviation

Soft skills

- Critical Thinking
- Communication
- Problem-Solving
- Attention to Detail
- Teamwork

References
