

Massoudou Namata Abdoul Wahid

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Summary

Financial Economist and Data Scientist with expertise in econometrics, machine learning, and business intelligence. Experienced in applying advanced quantitative methods to policy design, program evaluation, and strategic decision-making in finance and public policy. Strong background in data-driven research and international projects, combining analytical rigor with the ability to translate complex data into actionable insights.

Education

- 2024 – 2026 MSc in Financial Economics, **School of Management (ESG UQAM), University of Quebec in Montreal**, Canada
- 2022 – 2024 Master's in Development Economics, **Clermont School of Economics, University of Clermont Auvergne (CERDI)**, France
- 2018 – 2021 Bachelor's in Economics and Management, **Hassan II University**, Casablanca, Morocco

Work Experience

Data analyst and Research Assistant , Orange Innovation, Paris, France Mar. 2024 – Aug. 2024

- Processed large datasets with Python & R: cleaned, merged, and analyzed data to enhance reliability of results.
- Automated document workflows using Python (OCR and PDF extraction), optimizing internal processes.
- Developed and deployed a PDF text-extraction model to improve internal data management.
- Designed and implemented impact evaluation protocols (RCT, DID, IV, RDD) for the assessment of digital services.
- Designed and tested survey instruments (quantitative and semi-structured) for data collection and analysis.

Statistician and Research Assistant, Laboratory for Statistical Analysis Applied to Economic Research , Casablanca, Morocco May 2023 – Jul. 2023

- Analyzed socio-economic determinants of urban water consumption, supporting research on sustainable resource management.
- Conducted literature reviews and built empirical indicators integrated into a comparative database.
- Cleaned and preprocessed survey datasets (R & Stata) to ensure the robustness of econometric models.
- Performed chi-square tests and estimated logit/probit models to generate results for policy recommendations.

Teaching Assistant, Université du Québec à Montréal, Montreal, Canada Dec. 2024 – Apr. 2025

- Graded undergraduate-level assignments and exams in macroeconomics, ensuring academic rigor and consistency.
- Proctored midterm and final exams for a large student cohort.

Private Tutor in Statistics (Bachelor level), Anacours, Clermont-Ferrand, France

Feb. 2023 – May 2023

- Provided individualized tutoring in economics and management, adapting lessons to students’ academic needs.
- Taught fundamental concepts of descriptive statistics and applied them in practical exercises.
- Guided students in interpreting tables and graphs, helping them build independent analytical skills.
- Adjusted teaching strategies to suit diverse academic levels and objectives.

Data entry , Université du Québec à Montréal , Montreal, Canada

Jan. 2025 – Apr. 2025

- Entered and centralized faculty publications in collaboration with the Rectorate, strengthening institutional research visibility.
- Contributed to the creation of a research database for ESG UQAM, facilitating access to faculty outputs.

Projects

Macroeconomic Time Series Forecasting

Built ARIMA models in R to forecast the dynamics of key macroeconomic indicators.

Chinese Financial Flows and Economic Growth in Recipient Countries

Assessed the impact of Chinese financing on economic growth using econometric analysis.

Geospatial Analysis of Conflict Data

Developed Python-based tools to map high-intensity conflict zones and track their spatio-temporal evolution.

For detailed descriptions, code, and visualizations, see: [personal website](#), [GitHub](#), or [LinkedIn](#).

Technical Skills

Programming	Python, R, MATLAB, MySQL, Stata, LaTeX
Data & Visualization	pandas, NumPy, scikit-learn, Keras, Power BI, QGIS, matplotlib, seaborn
Machine Learning	Regression (linear, logistic, polynomial), k-NN, SVM, decision trees, random forests, XGBoost, LightGBM, clustering (k-means, DBSCAN, hierarchical), PCA, t-SNE
Time Series	ARIMA, stationarity tests, exponential smoothing, forecasting

Interpersonal Skills

Communication, Adaptability, Teamwork, Creative Problem Solving, Organizational Leadership

Certifications

- 2024 Project Monitoring and Evaluation, **AFD**
- 2023 Data Science with R, **DataCamp**

Awards & Scholarships

- 2023 Erasmus International Mobility Grant for Internship
- 2023–2024 Merit Scholarship IDGT SFRI CAP 20-25
- 2022–2024 ANAB (Nigerien Agency for Scholarships and Grants): Master’s scholarship

Languages

French: Native **English:** Fluent **Hausa:** Native

Activities and Interests

- **President, 10th Scientific, Sports, and Cultural Week** (2021): Oversaw coordination, logistics, and partner engagement.
- **Member, Department of Economics Program Committee** (2024 – Present): Student representative on course structure, assessment, and admissions; collaborated with faculty and administration.
- **University Chess Club Member; Basketball and Football Team Member** .

References

Dr. Virginie Comblon	Researcher, Orange Innovation Research Lab – virginie.comblon@orange.com
Prof. Simone Bertoli	Professor of Economics, CERDI, Université Clermont Auvergne, CNRS, IRD; Research Fellow at IZA – simone.bertoli@uca.fr
Prof. Vianney Dequiedt	Professor of Economics, Université Clermont Auvergne, CERDI – Vianney.Dequiedt@uca.fr