

Adeline Makoudjou | Data Analyst

Experienced Data Analyst with proficiency to quickly understand and learn complex issue. Website: www.adelinemakoudjou.com

Personal Information

- o Email: makoudjou@gmail.com
- o Adress: Tulpenweg 4, 79312 Emmendingen
- o Phone: +49 17 657 963 669
- o Birthdate: 30.09.1987



Professional Experience

Car-Garantie Versicherungs-AG

IT Business Intelligence Specialist

Freiburg, Germany

July 2023-Dec 2024

- o Conception of automated Reports as well as Adhoc-Analyses for internal and external stakeholders
- o Stepwise migration of the reporting landscape on PowerBI
- o Carrying out error and problem analyses, optimizing and standardizing existing reports and data visualization
- o Contribution to the development of data analytics

Institut für Medizinische Biometrie und Statistik

Research Assistant

Freiburg, Germany

Nov 2020-Dec 2022

- o Writing ETL scripts to retrieve data from the hospital information system, mapping between medical terminologies (LOINC, SNOMED, ICD, FHIR Resources)
- o data preparation, statistical analysis and visualization.
- o statistical consulting for clinicians
- o co-writing scientific publications
- o Project coordination using agile guidelines

Oncology Information Service (OIS)

Data Analyst /Internship

Freiburg, Germany

Aug 2018-Oct 2018

- o Writing analysis syntaxes in SPSS and Excel for medical data
- o Data Visualization

University of Hamburg

Research Fellow at the Research Unit Sustainability and Global Changes

Hamburg, Germany

Jan 2017-Apr 2018

- o Development of a macroeconomic model for predicting land use changes
- o data-driven statistical modeling to identify causal relationships between deforestation factors.

International Institute for Applied Systems Analysis

Modeling Analyst as part of the „REDD-PAC“ Project

Wien, Austria

Aug 2014-May 2016

- o Development of a macroeconomic model to predict future deforestation in Cameroon
- o Writing project-related reports
- o Knowledge Transfer

Studies

Subregional Institut for Statistics and Applied Economics (ISSEA)

Engineer in Statistics and Economics

Cameroon

2008-2014

University of Yaounde I

Bachelor in Computer Sciences

Cameroon

2005-2008

Further Education and Certifications

| | |
|--|--|
| POWER BI <i>Microsoft Certified Power BI Data Analyst Associate</i> | USA <i>Jan 2025</i> |
| SCRUM <i>Certification: Professional Scrum Product Owner I</i> | USA <i>July 2020</i> |
| Alfatraining Bildungszentrum <i>Further education as Data Engineer, Big Data Analytics and Relational Database</i> | Freiburg, Germany <i>April-June 2020</i> |
| University of Michigan on Coursera <i>Certification: Applied Data Science with Python</i> | Michigan, USA <i>Nov 2019</i> |

Knowledge & Skills

- **Data Analytics:** conception of ETL pipelines, reliable handling of data (preparation, analysis and visualization), business intelligence reporting
- **Programming languages and softwares:**
 - **Very good:** R, Python ,SQL, SPSS, CSPRO, MS-Office, SAS Data Integration, SAS Enterprise Guide, Power BI.
- **Languages:** French (native), English (good), German (good).

Scientific Publications and Preprints.

- Long-term kidney function recovery and mortality after COVID-19-associated acute kidney injury: An international multi-centre observational cohort study.
- SurvMaximin: Robust federated approach to transporting survival risk prediction models.
- Neurological Diagnoses in Hospitalized COVID-19 Patients Associated With Adverse Outcomes: A Multinational Cohort Study .
- Acute respiratory distress syndrome after SARS-CoV-2 infection on young adult population: international observational federated study based on electronic health records through the 4CE consortium
- Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19.
- Changes in laboratory value improvement and mortality rates over the course of the pandemic: an international retrospective cohort study of hospitalised patients infected with SARS-CoV-2.
- The role of forest resources in income inequality in Cameroon (2017).
- Modelling Land Use Changes in Cameroon 2000–2030. A report by the REDD-PAC project (2016).

Examples of Data Analytics projects on my Github page .

Link to the Account (Adelca2018): To my Github page

- Smart visualizations using upset plots
- Conception of a school management database on MS SQL Server
- Conception of a Datawarehouse based on the Data Vault Approach
- Example of Data preparation during an ETL Process
- Example of explorative Data Analysis

Scholarships

- International Climate Protection Scholarship of the Alexander Von Humboldt Foundation (Jan 2017-April 2018)
- Full scholarship to study at ISSEA (2011-2014) and the University of Yaounde (2005-2008)