

IBRAHIMA FIKRY DIALLO

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EDUCATION

National Institute of Statistics and Applied Economics

Master's degree in *Engineering* / Major: *Operations Research and Decision Support*

Rabat, Morocco

2021

- **Relevant coursework:** Data Analysis, Econometrics, Time series analysis and forecasting, Data mining, Mathematical modeling, Decision Analysis, Logistics and Supply Chain management, Project Management...

National School of Applied Sciences

Computer Science and telecommunications

Kenitra, Morocco

2017

Classes Préparatoires aux Grandes Écoles - Lycée Salmane Al Farissi

Two-year intensive program preparation in advanced Mathematics and Physics for the highly competitive entrance exams to the Moroccan and French Top Engineering Schools.

Salé, Morocco

2015

PROFESSIONAL EXPERIENCE

Independent Consultant

Freelance

Casablanca, Morocco/Conakry, Guinea

July 2022 – Sept. 2025

- Independent Consulting business development: developed an independent consulting practice specializing in Strategy and Data Analytics (Explore my website for more details: ibrahimafikrydiallo.com)
- Business Analyst: SOGEPA SARL/Guinea, DRC
 - Urban and Interurban Transport: Participated in the study of implementation of transport projects, including bus procurement, construction of bus stops, and vertical and horizontal signage installation in Guinea and DRC (in collaboration with JTP Transport, a major South American land transport company).
 - Served as the primary interface between internal business teams and the technical partner (JTP Transport-Brazil), benchmarking best practices and ensuring the consistency of proposed solutions.

ThinkONE Research & Consulting

Internship/Data Analyst

Casablanca, Morocco

Feb. 2022 – July 2022

- Statistical analysis of survey data and Dashboards building
- Research and implementation of statistical analysis methods for survey data (TURF, MaxDiff, Factor Analysis)
- Research and implementation of qualitative data analysis methods (Facial coding, Sentiment analysis)

OCP Group (formerly Office chérifien des phosphates)

Internship/Predictive demand analytics on the phosphate market

Casablanca, Morocco

March. 2020 – Sept. 2020

- Statistical modeling and forecasting of Corn and Diammonium Phosphate sales prices of two main customers: analyzed the time series with R and then used the ARCH/GARCH models for forecasting.
- Forecasting of phosphate consumption of two main customers using Machine Learning models: processed two databases of 14 variables each to Forecast Phosphate consumption using the Extrem Gradient Boosting (XGBoost) and Long Short-Term Memory (LSTM) models with prediction errors of 0.01% (LSTM) and less than 3% (XGBoost) for each database.
- Built a Web application using R-Shiny.

LEADERSHIP EXPERIENCE, EXTRACURRICULAR & ACADEMIC ACTIVITIES

ONG Colibris Afrique: Project Manager

May 2025 – Present

- Led project planning, defining objectives, milestones, and key performance indicators (KPIs).
- Monitored and evaluated project impact and adjust strategies as needed.
- Managed communication and reporting

McKinsey Forward Program (McKinsey & Company)

Dec. 2022 – May 2023

- Successfully completed the free, five-month online learning program offered by McKinsey to equip young talent with must-have practical skills to succeed in the future of work.
- Modules completed: Adaptability & Resilience, Problem solving, Communicating for impact, Design thinking, Agile...

Great debaters INSEA – Vice president of the club

Oct. 2019 – Sept. 2020

- Participated in several debates and Public Speaking competitions and seminars (ISCAE-Casa, ISCAE-Rabat, EMI)

SKILLS /INTERESTS/MISCELLANEOUS

- **Technical Skills:** Data analysis (Excel, R, Python, SQL), R Statistical programming, Data visualization (R, Tableau, Python, Excel), Machine Learning with Python and R, Mathematical programming and optimization (CPLEX, AMPL) ...
- **Certifications:** View all my certifications via the following link ibrahimafikrydiallo.com/#Certifications
- **Languages:** French (Native), English (Professional working proficiency/ <https://www.efset.org/cert/6VvXGz>)