

Ibrahima Fikry DIALLO

Independent Consultant | Data Analytics and Strategy

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 Casablanca, Morocco

Independent consultant specializing in **Data Analytics** and Decision Support, I help companies strategically leverage their data. As an **Operations Research and Decision Support Engineer** and **McKinsey Forward certified**, I translate analytical complexity into actionable insights. My approach combines **scientific rigor**, **business acumen**, and the **ability to communicate effectively** to maximize the impact of your data investments.

SKILLS

Data Analytics Statistical Modeling and Analysis, Econometrics, Data Mining, Time Series Analysis, Machine learning (XGBoost, LSTM, clustering...), Mathematical Modeling and Optimization

Tools Python, R, SQL, Excel, Tableau, AMPL

Languages French (Native), English (**C2 Proficient**, EF SET)  Certificate

Certifications **+27 certificates and practical projects** (DataCamp, Forage, McKinsey...) available on my portfolio  Certifications

PROFESSIONAL EXPERIENCE

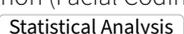
Present
Jul. 2022 **Independent Consultant in Strategy and Data Analytics, FREELANCE, | Casablanca, Morocco**

- Design of data-driven solutions for strategic projects
- Analysis and structuring of complex data for operational and strategic decision-making
- Business Analyst for SOGEPA SARL (Guinea, DRC) in collaboration with JTP Transport (Brazil) : Led feasibility analysis for intercity transportation projects, optimizing deployment scenarios through benchmarking of international best practices.

Jul. 2022
Feb. 2022 **Data Analyst, THINKONE RESEARCH & CONSULTING, | Casablanca, Morocco**

- Analyzed survey data and built interactive Excel dashboards to deliver actionable insights for client decision-making
- Accelerated consumer behavior understanding for multiple clients by using sentiment analysis models in Python (Facial Coding, Text Sentiment Analysis) to extract emotional patterns

Sep. 2020
Mar. 2020 **Predictive Demand Analytics, OCP GROUP, | Casablanca, Morocco**

- Conducted time series analysis leveraging R and ARCH/GARCH models to capture market volatility patterns
- Achieved 97% forecasting accuracy using XGBoost across 14 market variables
- Optimized prediction performance to 99% accuracy through LSTM deep learning implementation
- Deployed an interactive web application using Shiny to operationalize models for business stakeholders

EDUCATION

2017-2021 **Master's degree in Engineering | Operations Research and Decision Support | National Institute of Statistics and Applied Economics (INSEA) | Rabat, Morocco**

2015-2017 **Telecommunication Networks and Systems | National School of Applied Sciences (ENSA) | Kenitra, Morocco**

2013-2015 **Classes Préparatoires aux Grandes Écoles | Two-year intensive program preparation in advanced Mathematics and Physics for the highly competitive entrance exams to the Moroccan and French Top Engineering Schools | Mathematics-Physics | Lycée Salmane Al Farissi | Salé, Morocco**

2013 **High School Diploma specialising in Mathematics | First class honours (Ranked 2nd at the National level baccalaureate examination) in the Republic of Guinea | Lycée Emmaüs Stéphane Vigliéty | Kindia, Guinea**

LEADERSHIP AND ACTIVITIES

MCKINSEY FORWARD PROGRAM

DEC. 2022 - MAY 2023

Successfully completed the 5-month online learning program offered by McKinsey & Company to equip young talent with must-have practical skills to succeed in the future of work.

Completed modules : Adaptability & Resilience, Problem solving, Communicating for impact, Design thinking, Agile.