

# Data Analyst & Data Scientist | Statistics, Machine Learning and Data Visualization

## Farius Aina

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## Profile

Passionate about data, machine learning and visualization, I leverage structured and unstructured data to generate relevant insights, high-performing models and operational solutions, notably through the Python package `nd_project` that I developed.

## Professional Experience

### PRISME Laboratory & LVMH Research (Data Scientist)

February 2025 - September 2025 Orleans, France

- LC-OCT artifact removal improves image quality by 35%,
- K-Mean clustering on LC-OCT volumes increases accuracy by 30%,
- FEUNet pipeline optimization reduces processing time by 25%,
- Nd\_project package for LC-OCT cleaning, analysis, and training.

### Ministry of Health (Data Analyst)

September 2021 - September 2023 Cotonou, Bénin

- Improved reliability of national HR data, enhancing consistency by 30%,
- Analysis of workforce size and optimal allocation of national resources,
- Creation of dynamic dashboards for national HR monitoring,
- Automation of HR analyses, reducing reporting time by 40%.

## Education

### Master's degree in Data Science and Image Processing

September 2023 - September 2025 Université de Bordeaux, France

### Master's Degree in Economic and Sectoral Statistics

September 2020 - September 2022 ENEAM, Bénin

## Certifications

- Microsoft Azure Az-900, Dp-100, Pl-300 ([In progress](#)),
- Google Data Analytics Professional Certificate,
- Excel, Power BI & SQL for Data Science (Mimo et Udemy),
- Python & Full Stack Development (Mimo et Udemy).

## Keys Skills

- Programming: R, Python, SQL, JavaScript,
- Machine Learning: Regression, classification, clustering, neural networks,
- Analysis & Visualization: Power BI, Tableau, Excel,
- Image Processing: OpenCV, SciPy, FEUNet,
- Tools: Git, VS Code, PyCharm, Jupyter, BigQuery,
- Cloud & DevOps : [Azure](#), [Google Skills](#)

## Interests

- Machine learning (personal projects),
- Interactive visualizations,
- Robotics & connected objects,
- Fitness and bodybuilding,
- Innovation technologique.

## Languages

- French : Fluent
- English : B2 Level