**FATAI IDRISSOU**

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**PROFESSIONAL SUMMARY**

AI Engineer with expertise in Machine Learning, Data Engineering, and NLP. Proven track record in developing predictive models, data standardization applications, and analytical dashboards. Strong collaborator with excellent problem-solving and communication skills.

**SKILLS**

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| • Machine Learning | • ETL |
| • Python | • Natural Language Processing (NLP) |
| • TensorFlow | • Data Visualization |
| • PyTorch | • Power BI |
| • Scikit-Learn | • Matplotlib |
| • Data Engineering | • Cloud Platforms |
| • SQL | • Docker |
| • Big Data | • Linux |

**PROFESSIONAL EXPERIENCE**

**AI Engineer Apprentice**

*CNRS - Institut de Neuroscience de la Timone | Marseille, France | 2023 - Present*

* Designed and developed a BIDS-compliant data standardization application, including testing and deployment
* Led requirement gathering and user feedback sessions to improve application features
* Created metadata forms for different modalities using Elab
* Managed project timelines and coordinated development phases
* Deployed applications across multiple environments (macOS, Linux, servers)

**EDUCATION**

**Master's in Artificial Intelligence**

*Université d'Avignon | 2025*

**Bachelor's in Software Engineering**

*Université d'Avignon | 2023*

**PROJECTS**

**Bank Customer Churn Prediction**

*Python, Scikit-learn, Pandas, NumPy*

Developed ML model to predict customer churn for a banking institution, improving retention strategies.

**Sales Analytics Dashboard**

*Power BI, Qlik, SQL*

Created interactive dashboards for sales, margin, and revenue analysis using Power BI and Qlik.

**Sentiment Analysis with Neural Networks**

*Python, TensorFlow, NLP, Neural Networks*

Built and deployed an NLP model for sentiment analysis using deep learning techniques.

**Groundwater Level Prediction & DNA Sequencing**

*Python, LSTM, GRU, Time Series Analysis*

Developed LSTM and GRU models for groundwater level prediction and DNA sequence analysis.

**LANGUAGES**

French (Native) • English (Professional Working Proficiency)