



Ismail Ifakir

Data Scientist



Profile

I am a 24-year-old PhD student passionate about data science. I'm eager to apply my expertise in data science, machine learning, and AI to impactful projects. Driven by curiosity and a commitment to professional growth, I am motivated to contribute to innovative solutions and advance my skills in cutting-edge technologies.



Projects

2025

↑
2019

Dynamic Website for a Private School

- Bachelor's Degree Completion Project: Realization of a Dynamic Website for a Private School the project involved the use of technologies such as PHP, HTML, CSS and JavaScript

Speaker recognition

- Deep Learning: CNN

Intrusion detection systems

- Classification of Normal and Attack messages using ML.

Image Classification

- Diabetes detection Using CNN, VGG16, ResNet, and ViT.

Research Laboratory Management Application

- Spring Boot, MySQL, HTML, CSS and JavaScript

Sentiment Analysis of Moroccan Arabic Dialect

- Master's Degree Completion Project: DrijaBERT for embedding; CNN, LSTM, BiLSTM, and GRU as base classifiers; Logistic Regression as the meta-classifier; and Streamlit for the web application.

Generate Question from CVs

- Internship at 3D Smart Factory: Developed a question generation pipeline using spaCy, RoBERTa, SBERT, and Gemini API.

Multimodal Aspect-Based Sentiment Analysis

- RoBERTa for text embedding, ViT for image embedding and LSTM as the classifier.



Education

2024

Faculty of Mohammed First - Nador

—— Master's in Data Sciences and Intelligent Systems

2022

Faculty of Ibn Zohr - Ouarzazate

—— Bachelor's in Mathematics and Computer Science



Contact



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Github

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Skills

- Python, Java, C, JavaScript, HTML/CSS
- Node.js, Flask, Streamlit
- SQL/NOSQL
- ML/DL/NLP/LLMs
- MongoDB, Cassandra, ETL
- NumPy, Pandas, Matplotlib, NLTK
- Scikit-learn, TensorFlow, Keras, PyTorch



Certifications

- Machine Learning
- Deep Learning
- NLP
- Transformer Models
- Generative AI



Languages

Tamazight

Native

Arabic

Native

English

Advanced

French

Intermediate