✉ **ayoub.bakali00@outlook.com**

🏠 **Val Fleuri Rue 64 Etage 4 N 8**

📅 **Date of birth 20/01/2000**

🚩 **Moroccan**

💻 **Open to remote work**

📍 **tanger**

📞 **+212 708 192712**

Languages

Arabic
Native

English
Proficient

French
Upper Intermediate

Assets

Communication and Collaboration

Problem Solving Skills

Programming Languages

JavaScript (Vanilla - React)
Intermediate

Python (usual - machine learning - tensorflow)
Intermediete

SQL
intermediate

References

Abd Allah Azmani
University teacher (Computre Studies Departement), Faculty of Sciences and technologies of tangier
azmani.fstt2021@gmail.com

Yasyn EL Yusfi
University teacher (Computer Studies Departement), Faculty of Sciences and technologies
Yasyn El Yusfi

Interests

Sociology And Politics

Ancient History

Social networks

in **@Ayoub Bakali**

Ayoub BAKALI

Data science

I am a Bachelor majored in Data Science and statistics , looking forward to enhance my theoritical skills by participating in hands on projects and learning from my seniors

Diplomas

● **Bachelor degree in Statistics and Data Science**

From September 2023 to June 2024   **Faculty of Sciences and techniques** Tangier, Morocco

Field of Study : Linear and Non Linear optimisation , Advanced Probabilities , Data Mining , AI , Data Analysis , ANOVA Regression

Work experience

● **Data Scientist**

From September 2024 to December 2024   **CommonShare** Cervantes theatre , tangier

- **Designed and implemented end-to-end ETL pipelines to scrape, clean, normalize, and transform datasets, managing over 35,000 rows to support strategic decision-making.**
- **Built advanced data augmentation scripts using GPT and Retrieval-Augmented Generation (RAG) with the Serper API, enabling enhanced descriptive data generation.**
- **Automated the search and retrieval of brand logos, developing a streamlined process for logo downloads and storage.**

Projects

Data Machine and Deep Learning

- **Bone Vision (80% accuracy) : Using Convolutionary Neural Network , an advanced deep learning algorithm specific for image datas , Bone Vision , an application capable of detecting various diseases on the knee of a patient by immedietly processing a given x-ray image , providing detailed information about the disease and recommneded action .**
- **Facial Video Player : Creation of a video player allowing for controls by detecting various head movement . Ex:facing left rewind the video , facing right move forwards . . . Achieving this goal was by the use of the open library openCV**
- **NLP Model for tweets : Developed and tested machine learning models to classify tweets as disaster-related or not, leveraging NLP techniques and models such as CNN and RNN for short and long text analysis.**

Data Analysis and Visualization

- **2000 - 2020 Olympics Data Analysis : Using the data of medal counts of top twelve countries , various tests and analysis has been used to see which factors affect the medal counts of each country , including the effect of being a host country , GPD , number of sports and athlets . . . All of this was encapsulated in a detailed clear visualization using PowerBI and finished with predictions for the next edition**
- **Weather Data Aggregation and Analysis : Developed a pipeline to fetch, clean, and analyze weather data using the NCDC CDO API. The project involved gathering daily temperature records (average, minimum, and maximum) for 150k stations over a specified time period.**

Python Project

- **Simplified Contracts and Reservation Manager app : A system for travel industry that allows the creation of different types of offers of travels , and reservations linked to the created offers . Alongside saving all the information allowing for different manipulations and calcucaltions including sorting the offers or reservations based on specific arguments and calculating earnings under these arguments or globally**

JavaScript / React Projects

- **Infinite Scrolling : a web page that continuously load more images when we reach near the bottom of the page (ex: social media feeds)**
- **Joke teller : a page that offers audible jokes randomly using an Ai voice**
- **Robohash : shows a list of users as cards with their pictures , featuring a search box that updates the list immedietly**