AYA BELHADJI

MASTER'S STUDENT IN DATA SCIENCE

First-year Master's student in Data Science with a solid foundation in statistics and programming. Passionate about applying machine learning to real-world problems. Experienced in Python, data visualization, and machine learning techniques. Highly motivated to grow in the fields of artificial intelligence and data science.

CONTACT

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📍 | Tangier , Morocco

TECHNICAL SKILLS

- Programming & Tools : Python, R, SQL , Microsoft Office, Power BI

- Concepts: Data Mining, Artificial Intelligence, Machine Learning, Regression, Data Security ,Operations Research and Optimization

- Management: Project Management, Relational Databases

INTERPERSONAL SKILLS

- TEAMWORK
- FLEXIBILITY
- INTELLECTUAL CURIOSITY

LANGUAGES

- ENGLISH: INTERMEDIATE
- FRENCH: INTERMEDIATE

PROFESSIONAL EXPERIENCE :

- **Final-Year Internship**
April 22, 2024 – June 22, 2024
Location: University Hospital Center (CHU) – Tangier
Project: Development of a decision-making dashboard based on KPIs for hospital management using Business Intelligence tools.
Technologies and Tools Used:
  - Programming Languages: Python, SQL
  - Frameworks & Libraries: Streamlit, Pandas, Plotly, SQLAlchemy
  - Database: MySQL

ACADEMIC PROJECT:

AI Classification App Simulation
Project: Simulation of a basic AI application for image classification (cats vs. dogs) using simple statistical features.
Technologies and Tools Used:
- Languages: Python
- Frameworks & Libraries: Django, NumPy, Pillow, Bootstrap

Interactive ML App – Gradient Descent for Regression & Classification
Implemented a Streamlit application to upload datasets, preprocess data, apply Gradient Descent, visualize results, and tune learning parameters.

EDUCATION:

- **Master's Degree in Data Science**
ENS , Tetouan – 2024 – Present
- **Bachelor's Degree in Statistics and Data Science**
Faculty of Sciences and Techniques, Tangier – 2020 – 2024
- **University Diploma in Mathematics, Computer Science, Physics, Chemistry**
Faculty of Sciences and Techniques, Tangier – 2020 – 2023
- **Baccalaureate in Physical Sciences**
Lycée Wadahhab, Assilah – 2020