Acheraf Dine ABOUDOU

DATA SCIENCE ENGINEER

📞 06 31 21 69 20   ✉ dineaboudou@outlook.com   🏠 Rabat

💼 https://dineabd.github.io/My_Portfolio/

PRESENTATION

I am passionate about exploring and transforming data to extract valuable insights. With a solid understanding of programming languages and databases, I am able to integrate various sources for the creation of efficient models. I am motivated by continuous learning and seek to contribute meaningfully in a dynamic, data-driven environment.

EDUCATION

MASTER IN DATA SCIENCE AND ENGINEERING
Faculty of Sciences - UM5 / Rabat
2022 - 2024

BACHELOR IN MATHEMATICS AND COMPUTER SCIENCE
Faculty of Sciences - UM5 / Rabat
2019 - 2021

FRENCH HIGH SCHOOL DIPLOMA IN SCIENCES (SPECIALTY PHYSICS)
"Les Glycines" high school / Algiers
2016 - 2018

TECHNIQUES

PYTHON, JAVA, SQL, R, HADOOP, HIVE, SPARK, PIG, ETL, DATA MINING, DATA WAREHOUSING, MACHINE LEARNING, DEEP LEARNING, BIG DATA, DATA VISUALIZATION, APACHE, POWER BI, ORACLE, GIT, MYSQL

DATA MANAGEMENT

- DATA ANALYSIS
- DATA MODELING
- DATA CLEANING
- DATA INTEGRATION
- STATISTICAL ANALYZES
- PREDICTIVE MODELING

PROFESSIONAL EXPERIENCES

MARS 2024 - PRÉSENT

AI Research Internship
TICLAB - Rabat International University
- Design of a new Machine Learning model surpassing usual models in the literature on OD Matrix Estimation for traffic optimization in Rabat
- Publishing an article on the subject

JUIL 2023 - SEPT 2023

Internship in Generative AI
Technology Leaderships and Media Institute - Casablanca
- OpenAI API integration for text and image generation and audio-to-text transcription
- Full-Stack development of the application

OTHER RELEVANT PROJECTS

- Creation of Analytical Reports from various data source for monitoring KPIs with Power BI.
- Implementation of NLP for automatic text processing for classification tasks (Sentiment Analysis, Cyberbullying classification,...)
- Several projects requiring familiarity with Machine and Deep Learning models and Data Mining.

CERTIFICATIONS

- IBM HADOOP 101
- IBM MAP REDUCE AND YARN
- OPENCLASSROOM BIG DATA

LANGUAGES

- French
- English