



# BEN TOUHAMI MOHAMED RIDA

Data engineering student

## About me

Enthusiastic data engineering student at the National School of Applied Sciences of Al Hoceima, driven by a passion for IT and data. Eager to learn and contribute to challenging projects, I possess strong foundational skills in data engineering. Committed to continuous growth, I am excited about the opportunities to apply my knowledge and skills in real-world scenarios

## Contacts



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<https://bentouhami-mr.github.io/Portfolio/>

## Languages

- **Englsh** (intermediate)
- **Frensh** (intermediate)
- **Arabe** (Native)

## Expertises

- **Big data**
  - Spark - hadoop - Data Warehouse -Web Scraping( BeautifulSoup/ Selenium)
- **Machine Learning**
  - classification - clustering - Regression - scikit-learn - Pandas
- **DataBases**
  - Oracle - Mysql - Cassandra - MongoDB
- **Programming languages**
  - Python - Java (Spring) - C - PL/SQL - Html - Css -javascript- Shell
- **Operating System**
  - Linux (Ubuntu) - Windows

## Experiences

### Hybrid Regression for Apartment Price Prediction and Recommendation

Create a real estate price prediction app featuring hybrid regression. The development includes web scraping, exploratory data analysis (EDA), and model optimization using StackingRegressor model and integrate a recommendation system for similar apartments Enhance user experience by deploying it as a web application with Flask, HTML, CSS, and JS.

### Grade management application

In collaboration with my two colleagues, we successfully designed and developed a grade management application using the Java programming language. This application offers a complete solution, including management of notes, generation of Excel files for deliberations, and seamless interaction with a MySQL database

### Student Management Application

Designed and developed a user-friendly student management application with Tkinter in Python. Seamless integration with MySQL for optimal data management, offering a complete and efficient solution.

### Design and Development of a File System

Key contribution to the development of a file system in Python, with focus on users system design and creation of custom commands. Enriching experience that strengthened my Python programming skills, while playing a significant role in the success of the project

## Education

### Data Engineering

2022-2025 National School of Applied Sciences of Al Hoceima

### Preparatory cycle

2020-2022 National School of Applied Sciences of Al Hoceima

### Baccalaureate of Science in Mathematics

2019-2020 Molay Ali Chrif High School, Al Hoceima

## certificats

