



BELLAHBIB Mhamed El Ghali

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Second-year Engineering Student

EDUCATION

Toulouse INP-ENSEEIH

Future Engineering Graduate: HPC and Big Data

Toulouse, France

Sept. 2025 – June 2027

National School of Computer Science and Systems Analysis: ENSIAS

Future Engineering Graduate: Business Intelligence and Analytics

Rabat, Morocco

Sept. 2023 – June 2026

Classes préparatoire aux grandes écoles: C.P.G.E (CPGE)

MPSI - MP at Lycée Moulay Idriss

Fes, Morocco

Sept. 2021 – June 2023

EXPERIENCE

Data Scientist Intern

July – August 2024

Cogitas Solutions — Mohammédia, Morocco

SQL SERVER, ERP, PYTHON, ML

- Comparison and evaluation of multiple prediction models in Python to identify the best performance for sales forecasting, using data from an ERP.
- Applied clustering to segment customers and classify discounts based on purchasing behaviors. Designed visualizations to analyze trends and relationships between sales variables and customer behavior, integrating results into an interactive dashboard developed with Streamlit.
- Data manipulation and analysis with SQL Server: Extraction, cleaning, and transformation of data.

PROJECTS

BI Project: University Hospital Data Analysis | *Power BI*

- Data Preparation: Collection, cleaning, and structuring of hospital data to make it usable.
- Data Analysis: Identification of trends and key insights using descriptive and exploratory analysis.
- Dashboard Creation with Power BI: Designed interactive dashboards to visualize KPIs and present results to relevant departments.

Data Warehouse for LLM Model Evaluation | *SQL Server, SSIS, SSAS, Power BI*

- Data Warehouse modeling to centralize and analyze LLM model performance.
- Implementation of an ETL process (SSIS), configuration of an analytical cube (SSAS), and creation of visualizations (Power BI) to facilitate dynamic comparisons.

CAPM Automation | *Python Pandas, Matplotlib and Seaborn*

- Automation of CAPM (Capital Asset Pricing Model) for asset valuation and portfolio management.
- Collection and processing of market data to calculate expected returns and systematic risks.
- Creation of an interface to visualize results, predict stock prices, and suggest portfolios.

Design and implementation of a web application for store management | *Oracle APEX, SQL*

TECHNICAL SKILLS

Data Analysis & Visualization: Power BI, Pandas, Matplotlib, Seaborn, SQL.

Programming Languages: Python, C, Java, HTML, CSS, SQL

Database Management: SQL Server, MySQL, Oracle APEX

Languages: French (Fluent), English (Fluent), Spanish (Beginner), Arabic (Native)

EXTRACURRICULAR ACTIVITIES

Project Cell Manager - Fintech Club: Coordinated members to participate in hackathons and propose innovative ideas in the Fintech field.

Cultural Games Cell Manager - ENSIAS Olympiads: Organized activities, supervised teams, and facilitated events to ensure their success.

Member of Enactus Club: Managed sponsorship by establishing partnerships and securing funding to support activities and events.